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Data for observation wells in
Ontario : 1979.

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BULLETIN 2-106
Ground water series

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DATA FOR OBSERVATION WELLS IN ONTARIO
1979

MINISTRY OF THE ENVIRONMENT
Water Resources Branch

TORONTO ONTARIO

1981

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INTRODUCTION

The ground-water regime that exists in any area is a result of the geology, topography, drainage and climate of that area. Water which enters the soil and percolates downward into the zone of saturation, where all the voids and openings of the materials in the ground are filled with water, is commonly referred to as ground water. The top of this zone of saturation or ground-water system is called the water table and in Ontario is often found a few feet below the ground surface.

Precipitation in the form of rain and snow is the main source of ground water. In general, approximately 40% of all precipitation becomes surface runoff or infiltrates into the ground. The rest is returned to the atmosphere by evaporation from the soil and open bodies of water, and by transpiration from vegetation. Precipitation averages over 76 centimetres (30 inches) annually in most parts of southern Ontario. Forty percent of this amounts to 212 million litres of precipitation on each square kilometre of land surface, or 174 million gallons on each square mile. Generally, less than one half of this volume of water will infiltrate and move through the ground-water system before being discharged into streams or lakes. Since infiltration rates are comparatively higher in sand and gravel areas than in clay areas, recharge to ground water will be correspondingly higher in sands and gravels.

Geologic formations that contain, transmit and yield ground water in usable quantities are termed aquifers. The degree to which a formation will store and yield water is dependent on its porosity and permeability. The porosity of a material is the proportion of openings or pore spaces to the volume of the material. The permeability gauges the rate at which a material will transmit water, and is dependent on the size and degree of interconnection of the pore spaces. Thus, a fine silty sand may have a higher porosity than a medium sand, but the finer material will have a lower permeability and yield smaller quantities of water to wells.

The amount of water that can be extracted from any area depends on the characteristics of the aquifers. Fine-grained overburden materials such as clays and silts are generally poor sources of water supply. Wells developed in such materials may not meet normal household requirements (450 litres/capita/day) if adequate storage is not provided. Coarse overburden materials such as sands and gravels have high permeabilities and are usually very good sources of ground water. Bedrock materials with adequate permeabilities resulting from fractures and solution cavities are also good sources of ground water.

Numerous factors such as the amount and intensity of rainfall, nature of the soil and vegetation, slope of land surface, and wind and temperature conditions also have a bearing on the amount of precipitation that becomes ground water. Before large withdrawals of ground water are planned in an area, a reliable estimate should be made of the average annual recharge to ground water. If this is done, the depletion of ground water stored in the aquifer can usually be avoided, and pumping installations can be designed for long, economical use.

GROUND-WATER LEVELS

One of the keys to the availability of ground water in a particular area is the actual water level as measured in a well. Ground-water levels may be a reflection of static or equilibrium ground-water conditions, or they may reflect artificial drawdown conditions caused by local withdrawals. A continuous record of water-level fluctuations reveals numerous factors concerning both the ground-water regime and the characteristics of a particular water-bearing formation. The continuous record, or hydrograph, is useful in analyzing natural long-term fluctuations in ground-water levels which are related commonly to precipitation, evapotranspiration and the discharge of water to streams.

In addition to monitoring natural ground-water level fluctuations, observation wells are established to determine the effects of large ground-water withdrawals from aquifers, to show the effects of natural and artificial recharge on aquifers, to assist in drainage basin analyses by providing data to show recharge and discharge areas, and to show regional and local ground-water flow patterns. Together with data on pumping rates, pumping levels and other aquifer characteristics, the water levels in observation wells are utilized in the calculation of the potential yield of aquifers and high-capacity production wells.

The water level in an unpumped observation well is referred to as the static level. Fluctuations in this level result either from natural causes such as precipitation, evaporation and ground-water discharge, or from artificial causes such as pumping or artificial recharge. A static level that follows a downward trend may forecast serious problems resulting from overpumping, reduced recharge due to changed soil or vegetational cover, or a combination of these and other factors. A knowledge of ground-water levels is a prerequisite to good ground-water management. Problems of water shortages and complaints about well interference cannot be fully understood or resolved without reliable data on water-level fluctuations.

In Ontario, ground-water levels normally rise during the fall, early winter and spring snowmelt periods when transpiration and evaporation are minimal. Throughout the warm-weather growth period, the amount of water infiltrating is greatly decreased by evaporation and transpiration. As a result, recharge to ground water is minimized and ground-water levels generally decline during this period.

OBSERVATION WELL NETWORK

The observation well network in the Province of Ontario dates back to 1946 when the initial step in establishing the network was taken by the Ontario Department of Mines. Some of the original wells are still being used for observation purposes. The observation wells within the network consist primarily of drilled and bored wells, the type used commonly for supply purposes, as well as the more specialized piezometer tubes, which are used specifically for water-level measurement purposes. Water levels are measured either manually by tape or by automatic water-level recorders. Abandoned wells are ideally suited for observation purposes because the water-level fluctuations will not be affected by withdrawals of ground water from the wells. Observation wells in some cases have been acquired over the years in co-operation with private individuals or municipalities. Other wells have been constructed by the Ministry of the Environment specifically for water management and interference studies, and for river basin studies. New wells are regularly being incorporated into the network as new studies or water management problems arise. Older wells are phased out as sufficient data are gathered to satisfy the original intended use, or if a particular property owner wishes to use the well for other purposes.

HYDROGRAPHS

Included in this bulletin are yearly hydrographs for all observation wells that are equipped with water-level recorders. These hydrographs are computer-generated plots of water-level data that have been transcribed from the water level recorder charts using an X-Y co-ordinate digitization method. The hydrographs show actual water levels and give a complete picture of water-level fluctuations in any one observation well for the entire year.

DATA COLLECTION AND DISTRIBUTION

The observation well levels contained in this bulletin were collected by the Technical Support sections of this Ministry's Regional offices, located respectively in London, Stoney Creek, Don Mills, Kingston, Sudbury and Thunder Bay. Data compilation and publication were carried out by the Hydrology and Monitoring Section of the Water Resources Branch, Ministry of the Environment, Toronto.

Enquiries concerning observation well data should be made to the following:

Hydrology and Monitoring Section
Water Resources Branch
135 St. Clair Avenue West
Toronto, Ontario M4V 1P5
(416 965-6995)

OBSERVATION WELL DISTRIBUTION

As of December 31, 1979 the distribution of observation wells within each Region of the Ministry was as follows:

Region	
1) Southwest	20
2) West-Central	21
3) Central	32
4) Southeast	13
5) Northeast	3
6) Northwest	1
TOTAL	90

Observation wells in this publication are indexed in the following order.

1) MOE Region - All observation wells located on one particular region are grouped together.
2) County - The wells are indexed by county, then by township.
3) Numerically - Where there is more than one well in a particular township they are listed by their observation well numbers.

The Regional maps show the approximate locations of the recording wells and can be used as a guide to the distribution of the wells in each Region.

OBSERVATION WELL INFORMATION

The data presented in this bulletin are for the first time, presented in metric (SI) units. For the purpose of converting from metric units back to imperical units, a table is shown on page 116.

For those who require a more specialized type of output than that found in this bulletin, the following output options are available:

1) water-level tabulations in either English or metric units in any of the following formats:
   a) daily mean values
   b) daily instantaneous maximum values
   c) daily instantaneous minimum values

2) annual hydrographs plotted in either "distance below ground level" or "elevation above sea level" in either metric or English units according to any of the following formats:
   a) daily mean values
   b) daily instantaneous maximum values
   c) daily instantaneous minimum values
   d) all the above plotted on same hydrograph
   e) actual water-level plots from digitized points.

3) card outputs of any one of the following:
   a) daily mean values
   b) daily instantaneous maximum values
   c) daily instantaneous minimum values

EXPLANATION OF WELL SPECIFICATIONS

OBSERVATION WELL NUMBER	The observation well number is assigned in numerical sequence at the time of the establishment of each observation well.
WELL REC. #	Each observation well is assigned a well record number to identify it within Ontario's water well record system. Each well record is assigned a unique number after it is filed with the Ministry.
CONC.	The majority of townships in Ontario are surveyed into a regular pattern of concessions and lots; however, in some areas, geographical or historical factors may have created surveys of irregular shapes or patterns. This has resulted in many survey descriptions which are unique to certain areas. SEE: Abbreviations Used to Describe Surveys and Tracts.
UTM CO-ORD.	(Universal Transverse Mercator Co-ordinates in Metres) This location system makes use of a square grid, 1000 x 1000 metres, which is superimposed on maps of the National Topographic System. The vertical grid lines are called Eastings and the horizontal lines Northings. The Easting represents the distance of a well in an easterly direction from a given north-south reference line. The Easting is the figure immediately following the letter E. The Northing represents the distance of a well in a northerly direction from a given east-west reference line. The Northing is the figure immediately following the letter N. The zone number which follows the letter Z is also a part of the UTM co-ordinates.
LAT & LONG	Latitudes and Longitudes were determined from plotted locations on topographic maps and are given to the nearest minute.

REC. METHOD	The recording method describes the manner in which the data were obtained, i.e., automatic water-level recorder or manual measurement. The following automatic recorders are currently in use by the Ministry of the Environment: - Stevens A-35 Recorder (Float actuated) - Stevens 'F' type recorder (Weekly/Monthly; Float actuated) - Brott Recorder (Nitrogen gas actuated)
REC. COMMCD	Water-level recording was commenced on the date listed.
MEASURE PT.	The measuring point is the reference point, either above or below ground level, from which measurements are taken for each observation well. This figure is subtracted or added to the recorder chart measurements to obtain water levels in metres below ground surface.
WELL TYPE	This describes the method of construction of the well, i.e. drilled, bored or dug.
DIAMETER OF WELL	Casing diameters are shown to the nearest centimetre. Where several sizes of casings were used, the diameter of the lowermost casing only is given.
GND ELEV.	The ground elevation at the well site is given in metres above mean sea level. The majority of the elevations were determined from plotted locations on the National Topographic maps and are therefore related to the accuracy of the locations and the scale of the maps.
LENGTH OF CASING	The length of casing is the distance from ground level to the end of the cased section of the well.
LENGTH OF SCREEN	This is the length of well screen, sand point or slotted pipe section.
PUMP RATE	This is the rate (in litres/sec) at which the well was test pumped. Where no pumping test was performed, the letters N.A. appear.

SPEC. CAP.	The specific capacity is determined using information obtained during the pumping test. It is calculated by dividing the pumping rate by the drawdown, which is the difference between the static water level before the test and the maximum pumping level measured during the test. Where no pumping test was performed, the letters N.A. appear.
AQUIFER	This lists the geological material of the main water-bearing formation.
QUALITY	After the construction of each well, the driller evaluates the water for taste and smell. The kind of water is shown by the following: Fresh Salty Sulphur Mineral
WELL LOG	This is a verbatim description of the well log as it was listed on the well record by the driller. Each formation is followed by a number which indicates the distance to the bottom of the formation in metres. The last number generally indicates the total depth of the well.
MONTHLY SUMMARY	Monthly summaries are printed only for those months in which there are data for every day in that month.
MEAN	This figure represents the mean monthly water level, measured in metres below ground surface.
INST. MAX.	This is the instantaneous maximum water level, in metres below ground surface recorded for that month. The bracketed figure (or figures) immediately below the INST. MAX. value indicates the date(s) on which that value occurred. If the maximum value falls on more than 4 days it is indicated by an asterisk.
INST. MIN.	This is the instantaneous minimum water level, in meters below ground surface, recorded for that month. The bracketed figure (or figures) immediately below the INST. MIN. value indicates the date(s) on which that value occurred. If the minimum value falls on more than 4 days it is indicated by an asterisk.

ABBREVATIONS USED TO DESCRIBE SURVEYS AND TRACTS

Abbreviations	Survey or Tract	Township
Southwestern Region		
FC	Front Concession	South Colchester Twp.
NTR E	North Talbot Road East	Westminster Twp.
Range IN	Range 1 North (Longwood's Rd. North)	Caradoc Twp.
WB	West Boundary Concession	Blanshard Twp.
West-Central Region		
BRN	Bleams Road North	Wilmot Twp.
BRS	Bleams Road South	Wilmot Twp.
ERS	Egremont Road South	Wilmot Twp.
JT	Jones Tract	N. Cayuga Twp.
STR	South Talbot Road	Middleton Twp.
Central Region		
HSE	Hurontario Street East	Chinguacousy Twp.
HSW	Hurontario Street West	Chinguacousy Twp.
OS	Old Survey	King Twp.
1E	Conc. 1E (Yonge Street East)	East Gwillimbury Twp.
Southeastern Region		
MT	Military Tract	Hallowell Twp.

WELL INDEX

Southwestern Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Essex	Sandwich East Twp.	164	2	12
	Colchester South Twp.	170	2	13
	Colchester South Twp.	222	3	14
Huron	Morris Twp.	351	3	15
Kent	Bothwell	172	4	16
	Howard Twp.	371	4	-
Lambton	Alvinston	207	5	-
	Forest	56	5	17
	Enniskillen Twp.	549	6	-
Middlesex	Caradoc Twp.	206	6	18
	Caradoc Twp.	543	7	-
	Lobo Twp.	100	7	-
	Lobo Twp.	107	8	19
	Westminster Twp.	29	8	20
	Westminster Twp.	71	9	21
	Westminster Twp.	513	9	22
Oxford	Blenheim Twp.	542	10	-
	South Norwich Twp.	177	10	-
Perth	Blanshard Twp.	45	11	23
	Stratford	182	11	24

WELL INDEX

West-Central Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Brant	Brantford Twp.	124	26	37
Dufferin	Luther Twp.	46	26	-
Haldimand-Norfolk	Middleton Twp.	413	27	-
	North Cayuga Twp.	64	27	38
	South Walsingham Twp.	138	28	39
	South Walsingham Twp.	408	28	40
	Townsend Twp.	545	29	41
Niagara	North Grimsby Twp.	399	29	42
	Wainfleet Twp.	228	30	-
Waterloo	Elmira	33	30	43
	Kitchener	82	31	44
	Wilmot Twp.	396	31	-
	Wilmot Twp.	514	32	45
	Wilmot Twp.	524	32	46
Wellington	Erin Twp.	551	33	-
	Erin Twp.	432	33	47
	Guelph Twp.	532	34	48
	Puslinch Twp.	131	34	49
	Puslinch Twp.	213	35	50
	Puslinch Twp.	397	35	-
	Puslinch Twp.	544	36	-

Central Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Durham	Clarke Twp.	526	52	67
	Darlington Twp.	509	52	68
	Pickering Twp.	405	53	69
	Pickering Twp.	406	53	70
	Pickering Twp.	512	54	71
Halton	Burlington	531	54	72
	Esquesing Twp.	437	55	73
	Georgetown	377	55	74
	Trafalgar Twp.	374	56	75
Northumberland	Hope Twp.	530	56	76
Peel	Albion Twp.	253	57	77
	Caledon Twp.	214	57	78
	Chinguacousy Twp.	167	58	79
	Chinguacousy Twp.	168	58	80
Peterborough	Cavan Twp.	553	59	-

WELL INDEX

Central Region Cont'd

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Simcoe	Barrie	529	59	81
	Essa Twp.	7	60	82
	Vespra Twp.	552	60	-
	Wasaga Beach	373	61	83
Victoria	Mariposa Twp.	375	61	84
York	East Gwillimbury Twp.	528	62	85
	Georgina Twp.	527	62	86
	King Twp.	342	63	87
	King Twp.	343	63	88
	Markham Twp.	106	64	89
	Markham Twp.	305	64	90
	Markham Twp.	398	65	91
	North York	90	65	92
	Whitchurch Twp.	340	66	93

Southeastern Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Dundas	Chesterville	522	95	101
	Winchester Twp.	547	95	-
Grenville	Edwardsburgh Twp.	523	96	102
Hastings	Hungerford Twp.	209	96	103
	Sidney Twp.	400	97	104
	Sidney Twp.	554	97	105
	Thurlow Twp.	122	98	106
Ottawa-Carleton	Gloucester Twp.	555	98	-
	Nepean Twp.	541	99	107
Prescott	South Plantagenet Twp.	521	99	108
Prince Edward	Hallowell Twp.	178	100	109
Russell	Clarence Twp.	546	100	-

Northeastern Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Sudbury	Hanmer Twp.	550	111	112

Northwestern Region

County/ Reg. Municipality	Municipality	Observation Well #	Page Tabulation	Page Hydrograph
Thunder Bay	Paiponge Twp.	548	114	115

Southwestern Region

①

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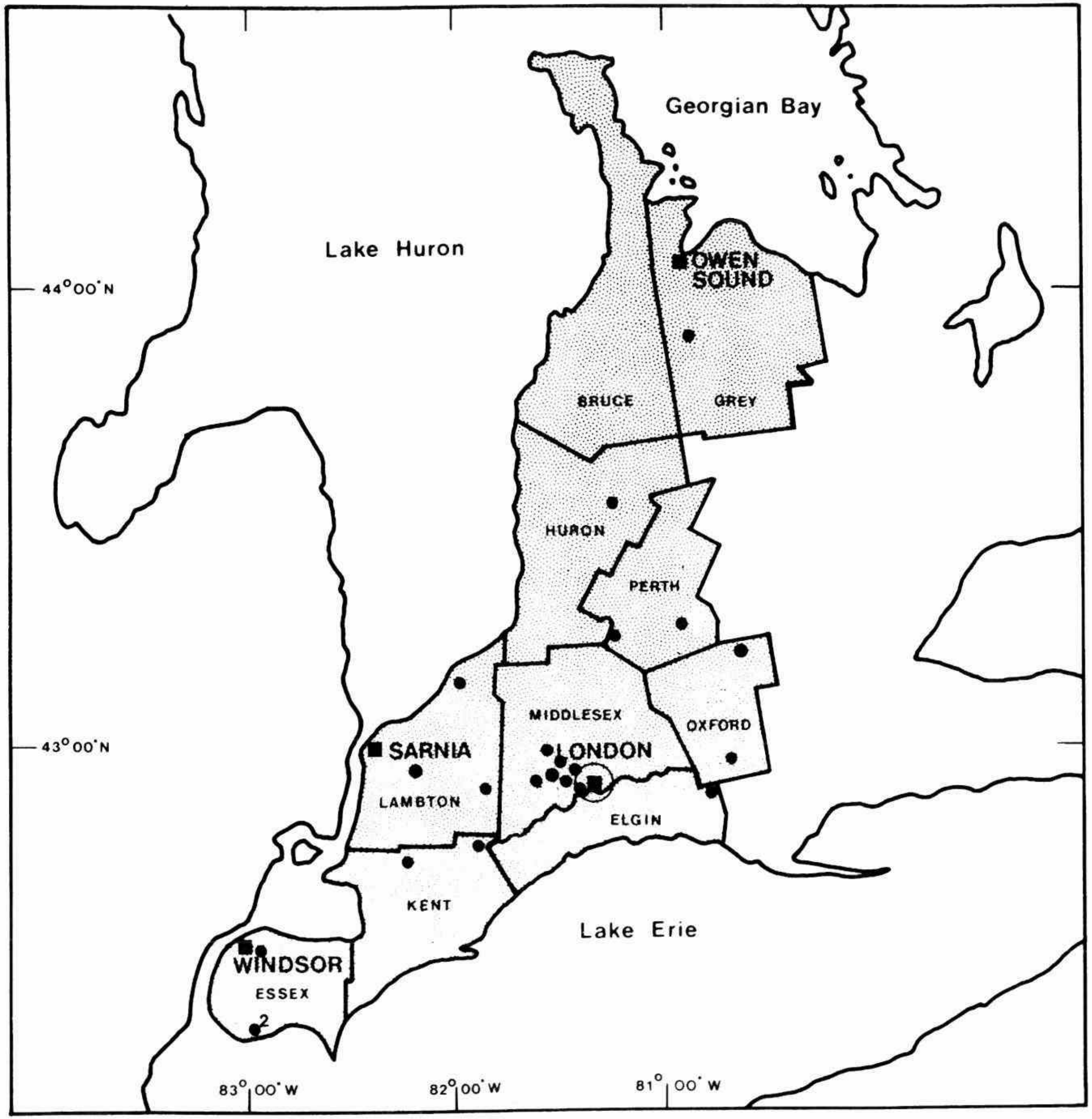
Ontario



OBSERVATION WELL DISTRIBUTION

OBSERVATION WELL DATA

REGIONAL OFFICE

LONDON
985 Adelaide St. S.
519-681-3600

DISTRICT OFFICES

Windsor
250 Windsor Ave
519-254-5129

Sarnia
242A Indian Rd. S.
519-336-4030

Owen Sound
1180 20th St. E.
519-371-2901

SUB-OFFICE

Chatham
435 Grand Ave W.
519-352-5107

LEGEND

Regional Office	◉
District Office	■
Recording Observation Well	●
Number of Recording Wells in same location	●2
Manually Measured Well	▲
Number of Manually Measured Wells in same location	▲2

ENVIRONMENT ONTARIO
TORONTO
ESSEX COUNTY

OBSERVATION WELL 164

TOWNSHIP OF SANDWICH E.   CONC. 3   LOT 95

WELL REC #: 2102685
UTM CO-ORD: Z-17 E337280 N4680660
LAT & LONG: 42-16NORTH 82-58WEST

REC METHOD: A35 RECORDER
REC COMMCD: DEC 6 1965
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 189 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; CLAY 4.9; CLAY AND SMALL AMOUNT OF GRAVEL 43; CEMENTED GRAVEL 44.2; BROKEN ROCK 44.5; LIGHT BROWN LIMESTONE 58.6.

DIAMETER OF WELL: 58 CM
LENGTH OF CASING: 44.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 58.6 METRES

PUMP RATE: 11.7 L/S
SPEC. CAP: 0.046 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.50	9.54	9.54	9.59	9.54	9.59	9.56	9.69	9.86	9.73	9.68	9.68	1
2	9.53	9.56	9.60	9.54	9.54	9.58	9.59	9.67	9.74	9.71	9.70	9.74	2
3	9.58	9.53	9.56	9.61	9.48	9.55	9.64	9.69	9.72	9.74	9.69	9.75	3
4	9.61	9.51	9.50	9.56	9.52	9.55	9.65	9.69	9.75	9.73	9.71	9.72	4
5	9.65	9.55	9.53	9.54	9.51	9.56	9.68	9.69	9.77	9.73	9.75	9.65	5
6	9.60	9.59	9.53	9.61	9.49	9.57	9.70	9.68	9.77	9.69	9.73	9.66	6
7	9.56	9.58	9.52	9.59	9.50	9.59	9.71	9.70	9.75	9.68	9.73	9.66	7
8	9.56	9.57	9.55	9.51	9.50	9.63	9.68	9.78	9.76	9.69	9.67	9.76	8
9	9.57	9.58	9.56	9.46	9.52	9.61	9.64	9.80	9.77	9.71	9.64	9.77	9
10	9.62	9.59	9.54	9.53	9.52	9.56	9.62	9.71	9.76	9.71	9.63	9.77	10
11	9.65	9.59	9.52	9.54	9.53	9.62	9.63	9.72	9.79	9.70	9.68	9.75	11
12	9.61	9.57	9.56	9.50	9.53	9.64	9.64	9.70	9.79	9.67	9.72	9.78	12
13	9.52	9.60	9.64	9.45	9.54	9.66	9.62	9.75	9.74	9.69	9.70	9.82	13
14	9.48	9.56	9.57	9.43	9.53	9.64	9.62	9.86	9.71	9.73	9.71	9.85	14
15	9.59	9.55	9.66	9.45	9.57	9.64	9.61	9.90	9.74	9.72	9.68	9.82	15
16	9.60	9.59	9.69	9.49	9.61	9.63	9.66	9.83	9.76	9.74	9.70	9.79	16
17	9.54	9.66	9.66	9.52	9.62	9.58	9.68	9.83	9.77	9.75	9.66	9.86	17
18	9.59	9.61	9.66	9.56	9.58	9.62	9.70	9.73	9.77	9.76	9.65	9.85	18
19	9.57	9.64	9.68	9.57	9.55	9.65	9.70	9.72	9.77	9.71	9.67	9.82	19
20	9.48	9.58	9.66	9.55	9.53	9.63	9.71	9.73	9.76	9.69	9.70	9.87	20
21	9.41	9.53	9.66	9.53	9.55	9.62	9.77	9.74	9.75	9.68	9.70	9.87	21
22	9.49	9.56	9.59	9.56	9.58	9.61	9.78	9.74	9.75	9.68	9.66	9.83	22
23	9.53	9.53	9.53	9.61	9.56	9.64	9.81	9.75	9.77	9.66	9.64	9.80	23
24	9.44	9.56	9.49	9.54	9.56	9.65	9.77	9.76	9.78	9.68	9.68	9.76	24
25	9.47	9.54	9.51	9.51	9.53	9.68	9.72	9.74	9.77	9.72	9.66	9.75	25
26	9.51	9.53	9.59	9.46	9.49	9.69	9.68	9.73	9.80	9.74	9.58	9.81	26
27	9.48	9.57	9.65	9.48	9.51	9.68	9.71	9.75	9.79	9.71	9.65	9.86	27
28	9.45	9.56	9.62	9.49	9.59	9.71	9.72	9.82	9.76	9.65	9.64	9.90	28
29	9.50		9.59	9.50	9.63	9.67	9.70	9.73	9.75	9.71	9.66	9.88	29
30	9.53		9.59	9.51	9.61	9.60	9.69	9.75	9.72	9.73	9.67	9.85	30
31	9.52		9.59		9.60		9.67	9.84		9.71		9.85	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	9.54	9.57	9.59	9.53	9.55	9.62	9.68	9.75	9.76	9.71	9.68	9.79	MEAN
INST MAX	9.39 (21)	9.48 (4)	9.44 (25)	9.41 (13)	9.46 (3)	9.52 (4)	9.56 (1)	9.63 (2)	9.69 (14)	9.63 (23)	9.56 (26)	9.63 (5)	INST MAX
INST MIN	9.77 (5)	9.76 (17)	9.80 (19)	9.72 (23)	9.72 (17)	9.87 (28)	9.87 (22)	9.99 (15)	10.00 (1)	9.84 (17)	9.86 (7)	10.01 (20)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
ESSEX COUNTY

OBSERVATION WELL 170

TOWNSHIP OF S. COLCHESTER   GORE   LOT 14

WELL REC #: 2101061
UTM CO-ORD: Z-17 E342840 N4654930
LAT & LONG: 42-02NORTH 82-54WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAR 5 1966
MEASURE PT: 0.5 METRES ABOVE GROUND SURFACE
GND ELEV: 192 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; YELLOW SAND 3.7; GREY SAND 9.2; QUICK SAND 33.6; SAND AND GRAVEL 35.1; COARSE GRAVEL 37.8; GREY LIMESTONE 39.3.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 37.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 39.3 METRES

PUMP RATE: 23 L/S
SPEC. CAP: 1.38 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.21					2.36		3.26	3.10			3.24	1
2	3.20					2.37		2.95	3.10			3.25	2
3	3.20					2.36		2.88	3.12			3.25	3
4	3.20					2.37		2.84	3.11			3.24	4
5	3.19					2.38	2.61	2.83				3.23	5
6	3.19					2.37	2.61	2.84				3.23	6
7	3.18					2.37	2.62	2.85				3.23	7
8	3.18					2.39	2.62	2.84				3.25	8
9	3.19					2.39	2.69	3.02				3.25	9
10	3.19					2.38	2.62	3.03				3.25	10
11	3.19					2.40	2.62	3.03				3.25	11
12	3.19					2.42	2.63	3.04				3.26	12
13	3.18					2.70	2.78	3.04				3.26	13
14	3.19					2.90	2.63	3.05				3.26	14
15	3.20					3.18	2.63	3.05				3.26	15
16						2.53	2.66	3.05				3.26	16
17						2.51	2.98	3.06				3.26	17
18						2.90	2.91	3.06				3.26	18
19					2.45	3.15	2.99	3.07				3.26	19
20					2.45	2.93	3.24	3.07				3.26	20
21					2.45	2.56	2.93	3.08			3.26	3.27	21
22					2.47	2.61	2.74	3.11			3.26	3.27	22
23					2.48	2.57	3.32	3.09			3.26	3.27	23
24					2.47	2.57	3.20	3.08			3.26	3.26	24
25					2.45	2.59	2.90	3.08			3.26	3.21	25
26					2.35	2.82	3.03	3.08			3.24	3.19	26
27					2.33	3.00	3.00	3.08			3.25	3.18	27
28					2.34	2.76	2.78	3.08			3.24	3.17	28
29					2.35	2.61	2.79	3.09			3.24	3.16	29
30					2.36		3.05	3.09			3.24	3.15	30
31					2.36		2.99	3.09				3.13	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN								3.03				3.23	MEAN
INST MAX								2.81 (1)				3.13 (31)	INST MAX
INST MIN								4.15 (1)				3.27 (23)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
ESSEX COUNTY

OBSERVATION WELL 222

TOWNSHIP OF S. COLCHESTER EC LOT 54

WELL REC #: 2100602
UTM CO-ORD: Z-17 E343580 N4650550
LAT & LONG: 41-59NORTH 82-53WEST

REC METHOD: A35 RECORDER
REC COMMCD: NOV 26 1968
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 193 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK SANDY LOAM 0.3; FINE YELLOW SAND 1.2; GREY FINE SAND 4.6; HARDPAN 7; CLAY 14.6; QUICKSAND 16.2; HARDPAN 22; SAND 23.8; HARDPAN 32; FINE SAND 33.9; SAND AND HARDPAN 35; FINE TO COARSE SAND 37.2; BROWN LIMESTONE 38.9; DARK LIMESTONE 38.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 37.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 38.7 METRES

PUMP RATE: 2 L/S
SPEC. CAP: N.A.
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.59	7.58	7.57	7.36	6.88	7.14	8.20	9.52	7.97	7.86	7.70	7.46	1
2	7.61	7.59	7.59	7.32	6.88	7.15	8.01	8.95	7.88	7.85	7.70	7.47	2
3	7.64	7.58	7.58	7.29	6.84	7.28	7.88	8.65	7.85	7.85	7.70	7.44	3
4	7.65	7.58	7.58	7.29	6.85	9.07	7.77	8.90	7.82	7.87	7.68	7.41	4
5	7.65	7.62	7.61	7.24	6.88	8.10	7.70	8.56	7.85	7.92	7.66	7.38	5
6	7.62	7.60	7.79	7.23	6.92	7.49	7.65	8.38	7.88	7.93	7.63	7.38	6
7	7.61	7.57	7.70	7.23	6.97	7.28	9.55	8.35	7.88	7.84	7.61	7.40	7
8	7.61	7.59	7.56	7.22	7.01	7.16	9.88	9.25	7.89	7.79	7.61	7.43	8
9	7.60	7.61	7.51	7.15	6.99	7.43	8.83	8.81	7.84	7.74	7.58	7.40	9
10	7.61	7.62	7.45	7.14	7.07	8.81	8.17	8.84	7.77	7.78	7.55	7.39	10
11	7.61	7.63	7.46	7.13	7.29	7.57	7.88	9.72	7.84	7.78	7.59	7.36	11
12	7.57	7.61	7.47	7.10	7.28	7.42	7.69	9.44	7.83	7.75	7.60	7.39	12
13	7.54	7.61	7.45	7.07	7.23	9.18	7.58	9.45	7.90	7.79	7.59	7.40	13
14	7.54	7.59	7.41	7.02	7.26	11.57	8.95	8.67	7.85	7.82	7.59	7.41	14
15	7.59	7.59	7.42	7.05	7.24	12.15	9.47	8.46	7.85	7.77	7.56	7.38	15
16	7.56	7.59	7.44	6.96	7.29	12.32	10.33	8.45	7.85	7.79	7.56	7.39	16
17	7.55	7.64	7.45	6.92	7.31	11.42	10.24	9.39	7.82	7.80	7.56	7.41	17
18	7.58	7.64	7.49	6.91	7.28	12.35	10.75	8.47	7.87	7.81	7.56	7.40	18
19	7.55	7.62	7.51	6.94	7.28	12.49	12.18	8.29	7.89	7.83	7.56	7.37	19
20	7.53	7.62	7.51	6.85	7.29	11.27	12.41	8.21	7.85	7.81	7.56	7.34	20
21	7.52	7.58	7.55	6.86	7.34	9.74	12.71	8.19	7.88	7.78	7.54	7.33	21
22	7.55	7.59	7.80	6.84	7.36	8.93	12.84	8.15	7.92	7.72	7.51	7.29	22
23	7.54	7.58	7.62	6.84	7.34	8.43	12.39	8.05	7.96	7.73	7.48	7.28	23
24	7.50	7.61	7.48	6.82	7.35	8.18	10.84	8.04	7.85	7.79	7.50	7.28	24
25	7.54	7.63	7.46	6.83	7.30	9.54	10.20	8.06	7.85	7.76	7.49	7.27	25
26	7.55	7.62	7.44	6.80	7.23	11.37	9.26	8.01	7.87	7.79	7.45	7.24	26
27	7.55	7.61	7.45	6.81	7.24	12.00	8.94	7.93	7.89	7.78	7.47	7.21	27
28	7.53	7.60	7.43	6.85	7.22	11.12	9.51	7.95	7.91	7.69	7.45	7.17	28
29	7.55		7.39	6.95	7.18	9.29	9.73	7.94	7.90	7.67	7.45	7.14	29
30	7.55		7.35	6.92	7.13	8.60	10.62	7.93	7.92	7.71	7.45	7.14	30
31	7.54		7.34		7.09		9.57	7.95		7.70		7.25	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	7.57	7.60	7.51	7.03	7.16	9.39	9.60	8.55	7.87	7.79	7.56	7.34	MEAN
INST	7.47	7.55	7.32	6.77	6.80	7.04	7.50	7.85	7.73	7.65	7.44	7.11	INST
MAX	(14)	(1)	(31)	(27)	(4)	(1)	(14)	(27)	(10)	(29)	(30)	(30)	MAX
INST	7.68	7.71	8.19	7.40	7.70	15.18	15.52	12.89	8.15	8.03	7.77	7.56	INST
MIN	(4)	(17)	(6)	(1)	(19)	(16)	(22)	(11)	(23)	(1)	(2)	(31)	MIN

ENVIRONMENT ONTARIO
TORONTO
HURON COUNTY

OBSERVATION WELL 351

TOWNSHIP OF MORRIS CONC 8 LOT 26

WELL REC #: 3002706
UTM CO-ORD: Z-17 E476405 N4840820
LAT & LONG: 43-44NORTH 81-18WEST

REC METHOD: A35 RECORDER
REC COMMCD: JAN 1 1972
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 348 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK MUCK 1.5; GREY QUICKSAND AND BOULDERS 12.5; GREY CLAY AND STONES 14; GREY CLAY, STONES AND HARDPAN 19.5; LIMESTONE 45.7.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 44.8 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 45.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.45	7.52			6.94	7.28	7.58	7.98	8.25	8.46	8.16	7.67	1
2	7.44	7.55			6.96	7.30	7.64	7.96	8.22	8.44	8.16	7.71	2
3	7.47	7.50			6.90	7.28	7.68	8.00	8.25	8.44	8.15	7.69	3
4	7.49	7.50			6.94	7.26	7.68	8.02	8.29	8.47	8.18	7.60	4
5	7.50	7.54			6.96	7.28	7.73	8.03	8.29	8.45	8.18	7.50	5
6	7.44	7.52			6.95	7.33	7.77	8.04	8.24	8.42	8.10	7.47	6
7	7.39	7.47			6.96	7.34	7.78	8.02	8.29	8.43	8.10	7.48	7
8	7.37	7.55			6.97	7.37	7.77	8.04	8.36	8.49	8.02	7.56	8
9	7.38	7.56			6.99	7.40	7.74	8.07	8.39	8.48	8.00	7.60	9
10	7.42	7.60			7.01	7.35	7.72	8.01	8.35	8.49	8.00	7.56	10
11	7.46	7.59		6.89	7.01	7.39	7.73	8.05	8.41	8.45	8.07	7.50	11
12	7.41	7.58		6.85	7.04	7.44	7.76	8.08	8.40	8.40	8.08	7.52	12
13	7.32	7.58		6.81	7.06	7.48	7.76	8.08	8.36	8.45	8.03	7.56	13
14	7.27	7.53		6.77	7.07	7.49	7.76	8.07	8.33	8.51	8.02	7.54	14
15	7.41	7.54		6.77	7.10	7.48	7.79	8.13	8.40	8.48	7.95	7.52	15
16	7.44			6.78	7.16	7.47	7.84	8.16	8.43	8.47	7.97	7.44	16
17	7.37			6.80	7.18	7.46	7.87	8.14	8.43	8.46	7.92	7.50	17
18	7.44			6.81	7.14	7.52	7.87	8.09	8.37	8.46	7.93	7.48	18
19	7.39			6.81	7.11	7.58	7.88	8.12	8.41	8.38	7.95	7.44	19
20	7.29			6.80	7.11	7.57	7.89	8.15	8.41	8.34	7.96	7.50	20
21	7.26			6.79	7.14	7.54	7.90	8.16	8.38	8.32	7.98	7.50	21
22	7.40			6.82	7.19	7.55	7.90	8.15	8.43	8.30	7.91	7.44	22
23	7.39			6.84	7.17	7.59	7.92	8.14	8.48	8.23	7.87	7.42	23
24	7.30			6.82	7.17	7.64	7.93	8.14	8.48	8.23	7.88	7.39	24
25	7.39			6.79	7.15	7.67	7.91	8.18	8.46	8.27	7.88	7.33	25
26	7.44			6.76	7.12	7.67	7.91	8.22	8.47	8.29	7.72	7.38	26
27	7.41			6.78	7.15	7.65	7.94	8.20	8.48	8.26	7.75	7.39	27
28	7.42			6.84	7.20	7.66	7.94	8.19	8.46	8.17	7.70	7.41	28
29	7.46			6.90	7.22	7.63	7.96	8.17	8.46	8.23	7.68	7.38	29
30	7.48			6.89	7.26	7.60	7.97	8.21	8.47	8.28	7.65	7.30	30
31	7.47				7.27		7.95	8.26		8.23		7.28	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	7.41				7.08	7.48	7.82	8.11	8.38	8.38	7.96	7.49	MEAN
INST	7.19				6.87	7.26	7.58	7.94	8.21	8.17	7.65	7.27	INST
MAX	(14)				(3)	(4)	(1)	(2)	(2)	(28)	(30)	(31)	MAX
INST	7.51				7.28	7.68	7.98	8.27	8.49	8.52	8.21	7.74	INST
MIN	(5)				(31)	(26)	(30)	(31)	(23)	(14)	(5)	(3)	MIN

ENVIRONMENT ONTARIO
TORONTO
KENT COUNTY

OBSERVATION WELL 172

TOWN OF BOTHWELL CONC. - LOT -

WELL REC #: 3300023
UTM CO-ORD: Z-17 E428050 N4719550
LAT & LONG: 42-38NORTH 81-53WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUN. 5 1966
MEASURE PT: 0.7 METRES ABOVE GROUND SURFACE
GND ELEV: 208 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN FINE SAND 3.1: BROWN FINE SILTY SAND 4.6: BROWN AND GREY FINE SAND WITH SOME FINE GRAVEL, COARSE SAND SEAMS 6.1: GREY SILTY FINE SAND 8.5: GREY COARSE SAND AND FINE TO MEDIUM GRAVEL 10.4: GREY SILTY CLAY TILL 10.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: 1.2 METRES
DEPTH OF WELL: 10.4 METRES

PUMP RATE: 2.3 L/S
SPEC. CAP: 0.053 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				1.12				1.75	1.92	2.02	1.97	1.38	1
2				1.10				1.75	1.92	2.02	1.98	1.40	2
3			1.51	1.07				1.74	1.93	2.01	1.98	1.40	3
4			1.46	1.09				1.74	1.94	2.00	1.98	1.40	4
5			1.42	1.07				1.76	1.94	1.99	1.99	1.40	5
6			1.42	0.97				1.76	1.95	1.98	1.99	1.40	6
7			1.42	1.02				1.76	1.95	1.97	1.99	1.40	7
8			1.42	1.04				1.76	1.96	1.97	1.99	1.39	8
9			1.42	0.86				1.77	1.97	1.96	2.00	1.39	9
10			1.40	0.84				1.77	1.97	1.95	1.98	1.40	10
11			1.39	0.75				1.78	1.98	1.95	1.97	1.41	11
12			1.39					1.79	1.99	1.94	1.95	1.41	12
13			1.39					1.80	1.99	1.93	1.94	1.41	13
14			1.38					1.81	1.96	1.92	1.93	1.41	14
15			1.38					1.82	1.93	1.91	1.92	1.41	15
16			1.38					1.83	1.93	1.90	1.92	1.42	16
17			1.38					1.83	1.93	1.90	1.91	1.44	17
18			1.37					1.84	1.93	1.90	1.90	1.45	18
19			1.35					1.85	1.93	1.90	1.89	1.45	19
20			1.33					1.85	1.94	1.90	1.89	1.46	20
21			1.32					1.86	1.95	1.90	1.89	1.47	21
22			1.31					1.87	1.97	1.91	1.87	1.43	22
23			1.30					1.87	1.98	1.91	1.82	1.35	23
24			1.28					1.87	1.99	1.91	1.68	1.25	24
25			1.22					1.88	1.99	1.91	1.57	0.87	25
26			1.21					1.88	2.00	1.92	1.47	0.82	26
27			1.22					1.89	2.01	1.93	1.39	0.89	27
28			1.22				1.73	1.90	2.01	1.93	1.38	0.94	28
29			1.22				1.73	1.90	2.01	1.95	1.37	0.96	29
30			1.15				1.73	1.91	2.02	1.96	1.38	0.98	30
31			1.12				1.74	1.91		1.96		0.99	31
						-MONTHLY SUMMARY-							
MEAN								1.82	1.96	1.94	1.83	1.30	MEAN
INST								1.73	1.92	1.90	1.37	0.76	INST
MAX								(4)	(1)	(20)	(29)	(25)	MAX
INST								1.92	2.02	2.02	2.00	1.47	INST
MIN								(31)	(30)	(1)	(9)	(21)	MIN

ENVIRONMENT ONTARIO
TORONTO
KENT COUNTY

OBSERVATION WELL 371

TOWNSHIP OF HOWARD CONC 1 LOT 15

WELL REC #: 3306508
UTM CO-ORD: Z-17 E420620 N4710270
LAT & LONG: 42-33NORTH 81-58WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUN 26 1972
MEASURE PT: 0.2 METRES ABOVE GROUND SURFACE
GND ELEV: 184 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3: SOFT BROWN CLAY 3.4: BROWN SAND AND LOOSE GRAVEL 12.2: LOOSE BROWN GRAVEL AND HARD BROWN SHALE 22.3.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 15.9 METRES
LENGTH OF SCREEN: 4.6 METRES
DEPTH OF WELL: 20.5 METRES

PUMP RATE: 11.8 L/S
SPEC. CAP: 0.90 L/S/M
AQUIFER : GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1												6.19	1
2												6.42	2
3												6.58	3
4												6.69	4
5												6.76	5
6												6.81	6
7												6.85	7
8												6.90	8
9											7.40	6.91	9
10											7.40	6.90	10
11											7.40	6.91	11
12											7.39	6.95	12
13											7.39	6.98	13
14											7.38	7.00	14
15											7.38	7.00	15
16											7.38	7.02	16
17											7.37	7.04	17
18											7.37	7.04	18
19											7.38	7.06	19
20											7.38	7.08	20
21											7.38	7.09	21
22											7.38	7.09	22
23											7.35	7.04	23
24											7.27	6.97	24
25											6.70	6.30	25
26											5.87	4.86	26
27											5.32	4.27	27
28											5.25	3.95	28
29											5.43	4.28	29
30											5.89	5.32	30
31												5.85	31
						-MONTHLY SUMMARY-							
MEAN												6.46	MEAN
INST												3.88	INST
MAX												(28)	MAX
INST												7.09	INST
MIN												(22)	MIN

ENVIRONMENT ONTARIO
TORONTO
LAMBTON COUNTY

OBSERVATION WELL 207

VILLAGE OF ALVINSTON
CONC - LOT -

WELL REC #: 3400030
UTM CO-ORD: 7-17 E429160 N4740965
LAT & LONG: 42-49NORTH 81-53WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUN 26 1967
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SAND 5.5; BLUE CLAY 22.9; SHALE GRAVEL 23; BLACK SHALE 23.8.

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 23.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 23.8 METRES

PUMP RATE: 2 L/S
SPEC. CAP: 0.06 L/S/M
AQUIFER : SHALE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1			9.84	9.80								10.13	1
2			9.88	9.89									2
3			9.86	9.75									3
4			9.78	9.71									4
5			9.82	9.82									5
6			9.81	9.84									6
7			9.79	9.68									7
8			9.79	9.71									8
9			9.80	9.84							10.13		9
10			9.77	9.84							10.12		10
11			9.82	9.77							10.23		11
12			9.87	9.71							10.29		12
13			9.79	9.69							10.25		13
14			9.75	9.73							10.23		14
15			9.89	9.78							10.16		15
16			9.90	9.90							10.18		16
17			9.85								10.12		17
18			9.87								10.16		18
19			9.86								10.22		19
20		9.99	9.88								10.23		20
21		9.87	9.80								10.25		21
22		9.91	9.67								10.17		22
23		9.88	9.64								10.13		23
24		9.90	9.75								10.19		24
25		9.96	9.87								10.20		25
26		9.86	9.96								10.03		26
27		9.88	9.86								10.14		27
28		9.90	9.82								10.09		28
29			9.81								10.08		29
30			9.87								10.08		30
31			9.83										31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN			9.82										MEAN
INST MAX			9.61 (22)										INST MAX
INST MIN			9.98 (26)										INST MIN

ENVIRONMENT ONTARIO
TORONTO
LAMBTON COUNTY

OBSERVATION WELL 056

TOWN OF FOREST
CONC - LOT -

WELL REC #: 3404047
UTM CO-ORD: Z-17 E418540 N4771920
LAT & LONG: 43-06NORTH 82-00WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: MAY 8 1950
MEASURE PT: 0.5 METRES ABOVE GROUND SURFACE
GND ELEV: 214 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: CLAY 33.6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 33.6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 33.6 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : CLAY
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	30.02		30.05	30.00	30.19	30.23	30.41		30.52		30.62		1
2			30.14	29.89	30.20	30.25	30.49		30.44		30.69		2
3			30.06	30.07	30.08	30.16	30.55		30.49		30.68		3
4			29.94	29.98	30.25	30.18	30.51	30.46	30.59		30.74		4
5			30.01	29.90	30.21	30.15	30.60	30.44	30.59		30.73		5
6			29.98		30.12	30.15	30.64	30.44	30.54	30.59	30.66		6
7			29.98		30.13	30.19	30.62	30.41	30.66	30.57	30.68		7
8			30.01		30.17	30.24	30.61	30.40	30.74	30.64			8
9			30.01		30.22	30.29	30.54	30.44	30.70	30.65			9
10			29.95		30.23	30.21	30.43	30.36	30.66	30.66			10
11			29.94		30.23	30.20	30.42	30.41	30.74	30.61			11
12			30.03		30.26	30.28	30.43	30.45	30.72	30.52			12
13			29.93		30.23	30.36	30.40	30.38	30.67	30.62			13
14			29.92		30.26	30.40	30.38	30.39	30.63	30.71			14
15			30.12		30.29	30.42	30.43	30.48	30.70	30.68			15
16			30.13	29.94	30.34	30.42	30.46	30.53	30.73	30.69			16
17			30.14	30.09	30.32	30.40	30.52	30.50	30.74				17
18			30.07	30.15		30.46	30.48	30.40	30.68				18
19			30.04	30.15		30.55	30.49	30.41	30.72	30.68			19
20			30.02	30.15		30.58	30.54	30.47	30.69	30.64			20
21			30.04	30.10		30.49	30.54	30.46	30.68	30.66			21
22			30.02	30.14		30.49	30.50	30.47		30.64			22
23			29.88	30.17		30.51	30.52	30.38		30.63			23
24		30.10	29.75	30.13		30.55	30.58	30.39		30.66			24
25		30.09	29.81	30.04		30.63	30.50	30.47		30.73			25
26		29.99	29.95	29.97	30.02	30.74	30.46	30.48		30.78			26
27	29.82	30.05	30.10	30.09	30.01	30.76	30.51	30.43		30.69			27
28	29.77	30.08	30.02	30.07	30.06	30.68		30.44	30.76	30.58			28
29	29.87		29.97	30.10	30.09	30.57		30.42		30.70			29
30	29.92		29.95	30.07	30.13	30.47		30.46		30.75			30
31	29.86		29.99		30.18			30.56		30.73			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN			30.00			30.40							MEAN
INST MAX			29.71 (24)			30.07 (6)							INST MAX
INST MIN			30.19 (2)			30.79 (27)							INST MIN

ENVIRONMENT ONTARIO
TORONTO
LAMBTON COUNTY

OBSERVATION WELL 549

TOWNSHIP OF ENNISKILLEN CON. 7 LOT 15

WELL REC #: 3406612
UTM CO-ORD: Z-17 E407640 N4742665
LAT & LONG: 42-50NORTH 82-10 WEST

REC METHOD: A-71 RECORDER
REC COMMCD: AUG. 28 1979
MEASURE PT: 0.30 METRES ABOVE GROUND SURFACE
GND ELEV: 201 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: BROWN, BLUE CLAY 5.5.

DIAMETER OF WELL: 61 CM
LENGTH OF CASING: 5.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 5.5 METRES

PUMP RATE: N.A. L/S
SPEC. CAP: N.A. L/S/M
AQUIFER : BLUE CLAY
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1												0.39	1
2												0.45	2
3												0.55	3
4												0.51	4
5												0.40	5
6												0.40	6
7												0.39	7
8												0.45	8
9											1.02	0.53	9
10											0.74	0.56	10
11											0.80	0.59	11
12											0.84	0.58	12
13											0.86	0.60	13
14											0.88	0.63	14
15											0.81	0.64	15
16											0.73	0.66	16
17											0.76	0.68	17
18											0.80	0.69	18
19											0.84	0.71	19
20											0.87	0.73	20
21											0.88	0.73	21
22											0.61	0.56	22
23											0.54	0.54	23
24											0.43	0.52	24
25											0.45	0.39	25
26											0.25	0.29	26
27											0.39	0.42	27
28											0.36	0.38	28
29											0.36	0.39	29
30											0.37	0.47	30
31												0.45	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN												0.53	MEAN
INST MAX												0.23 (26)	INST MAX
INST MIN												0.74 (21)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 206

TOWNSHIP OF CARADOC RANGE 1 N LOT 15

WELL REC #: 4106020
UTM CO-ORD: Z-17 E460740 N4747920
LAT & LONG: 42-53NORTH 81-29WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: JUN 27 1967
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELEV: 238 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 6.7.

DIAMETER OF WELL: 182 CM
LENGTH OF CASING: 6.7 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : OVERBURDEN
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.40		1.61	0.66		0.89	1.96	1.74	1.87	1.88	1.66	1.16	1
2	1.30		1.60	0.56		0.93	1.87	1.73	1.87	1.88	1.65	1.16	2
3	1.27		1.59		1.00	0.97	1.73	1.72	1.87	1.87	1.65	1.17	3
4	1.27		1.53		0.97	1.02	1.65	1.72	1.88	1.87	1.64	1.17	4
5	1.29		1.32		1.00	1.05	1.61	1.71		1.86	1.64	1.17	5
6	1.31		1.27		1.03	1.08	1.59	1.72		1.85	1.63	1.16	6
7	1.34		1.25		1.04	1.11		1.73		1.84	1.62	1.15	7
8	1.37		1.25		1.06	1.14		1.74		1.84	1.62	1.14	8
9	1.40		1.25		1.08	1.21		1.74		1.83	1.61	1.13	9
10	1.42		1.26		1.10	1.22	1.59	1.75		1.82	1.60	1.13	10
11	1.44		1.25		1.07	1.22	1.57	1.75	1.90	1.81	1.59	1.14	11
12	1.46		1.25		1.08	1.24	1.56	1.76	1.92	1.79	1.58	1.14	12
13	1.48		1.26		1.06	1.26	1.56	1.76	1.94	1.78	1.57	1.13	13
14	1.49		1.26		1.06	1.28	1.57	1.77	1.92	1.76	1.57	1.14	14
15	1.50		1.26		1.03	1.30	1.58	1.78	1.89	1.74	1.56	1.15	15
16	1.51		1.26		1.00	1.33	1.59	1.78	1.86	1.72	1.56	1.17	16
17	1.52		1.26		1.02	1.35	1.61	1.79	1.85	1.71	1.56	1.18	17
18	1.53		1.25		1.05	1.38	1.62	1.80	1.84	1.70	1.55	1.19	18
19	1.54		1.23		1.09	1.40	1.63	1.80	1.83	1.69	1.55	1.21	19
20	1.54	1.69	1.21		1.11	1.42	1.65	1.81	1.82	1.68	1.55	1.22	20
21	1.55	1.69	1.19		1.13	1.43	1.66	1.81	1.82	1.67	1.55	1.23	21
22	1.56	1.69	1.18		1.15	1.44	1.67	1.83	1.82	1.67	1.54	1.21	22
23	1.56	1.69	1.17		1.17	1.44	1.68	1.83	1.82	1.66	1.49	1.11	23
24	1.57	1.68	1.14		1.19	1.44	1.69	1.84	1.83	1.66	1.44	0.94	24
25	1.57	1.67	1.03		1.15	1.45	1.70	1.84	1.83	1.66	1.39	0.49	25
26	1.57	1.65	0.97		0.94	1.47	1.70	1.84	1.84	1.66	1.31	0.43	26
27	1.58	1.63	0.97		0.84	1.48	1.71	1.85	1.85	1.66	1.24	0.54	27
28	1.58	1.63	0.98		0.86	1.48	1.71	1.86	1.86	1.67	1.19	0.62	28
29	1.58		0.98		0.87	1.49	1.72	1.86	1.87	1.67	1.16	0.67	29
30	1.58		0.81		0.78	1.76	1.73	1.87	1.88	1.67	1.15	0.72	30
31	1.58		0.64		0.82		1.73	1.87		1.66		0.76	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	1.47		1.21			1.29		1.79		1.75	1.51	1.03	MEAN
INST MAX	1.26 (3)		0.62 (31)			0.85 (1)		1.71 (6)		1.66 (26)	1.15 (30)	0.33 (25)	INST MAX
INST MIN	1.58 (30)		1.62 (1)			1.99 (30)		1.88 (31)		1.88 (1)	1.66 (1)	1.24 (22)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 543

TOWNSHIP OF CARADOC   CONC. 3   LOT 22

WELL REC #: 4106709
UTM CO-ORD: Z-17 E461148 N4752335
LAT & LONG: 42-56 NORTH 81-28 WEST

REC METHOD: A-71 RECORDER
REC COMMCD: MAY 15 1975
MEASURE PT: METRES ABOVE GROUND SURFACE
GND ELEV: 252 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN CLAY & SILT 4.3; BROWN CLAY 5.5; SILTY BLUE CLAY 15.5; FINE, DIRTY GRAVEL 20.4; MEDIUM GRAVEL 28.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 27.8 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 28.7 METRES

PUMP RATE: 10 L/S
SPEC. CAP: 0.28 L/S/M
AQUIFER : MEDIUM GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.50	9.53	9.55	9.35									1
2	9.48	9.52	9.57	9.33									2
3	9.48	9.52	9.59										3
4	9.49	9.54	9.58										4
5	9.51	9.54	9.59										5
6	9.51	9.52	9.59										6
7	9.49	9.53	9.54										7
8	9.47	9.55	9.51										8
9	9.46	9.53	9.51										9
10	9.48	9.52	9.48										10
11	9.49	9.57	9.46										11
12	9.50	9.56	9.46										12
13	9.50	9.56	9.44										13
14	9.47	9.57	9.43										14
15	9.44	9.54	9.42										15
16	9.47	9.56	9.43										16
17	9.52	9.54	9.37										17
18	9.50	9.54	9.42										18
19	9.46	9.59	9.44										19
20	9.51	9.61	9.41										20
21	9.50	9.56	9.40										21
22	9.45	9.55	9.39										22
23	9.44	9.57	9.38										23
24	9.50	9.54	9.37										24
25	9.53	9.59	9.38										25
26	9.47	9.57	9.36										26
27	9.48	9.58	9.33										27
28	9.53	9.59	9.33										28
29	9.52		9.36										29
30	9.50		9.38										30
31	9.52		9.38										31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	9.49	9.55	9.45										MEAN
INST MAX	9.41 (16)	9.51 (10)	9.32 (28)										INST MAX
INST MIN	9.54 (24)	9.62 (20)	9.62 (6)										INST MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 100

TOWNSHIP OF LOBO   CONC. 2   LOT 5

WELL REC #: 4106413
UTM CO-ORD: Z-17 E464840 N4755200
LAT & LONG: 81-27NORTH 42-55WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: MAY 16 1963
MEASURE PT: 0.07 METRES ABOVE GROUND SURFACE
GND ELEV: 245 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: BROWN SAND AND GRAVEL 6.7.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 6.7 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					3.87			4.24		4.53			1
2					3.87			4.22		4.53			2
3					3.87			4.22		4.54			3
4					3.88			4.23		4.54			4
5					3.88			4.24		4.54			5
6				4.17	3.89			4.25	4.41	4.54			6
7				4.16	3.89		4.10	4.26	4.42	4.55			7
8				4.14			4.11		4.43				8
9				4.12			4.11		4.43				9
10				4.11			4.11		4.44				10
11				4.10			4.11		4.45				11
12				4.09			4.12		4.45				12
13				4.07			4.12		4.46				13
14				3.96			4.13		4.44				14
15				3.79			4.14		4.44				15
16				3.77			4.14		4.44				16
17				3.79			4.15		4.45				17
18				3.81			4.16		4.46				18
19				3.82			4.17		4.46				19
20				3.83			4.17		4.47				20
21				3.84			4.18		4.48				21
22				3.85			4.19		4.48				22
23				3.85			4.19		4.49				23
24				3.85			4.20		4.50				24
25				3.85			4.21		4.50				25
26				3.85			4.21		4.51				26
27				3.86			4.22		4.52				27
28				3.86			4.23		4.52				28
29				3.87			4.23		4.52				29
30				3.87			4.24		4.53				30
31							4.24						31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN													MEAN
INST MAX													INST MAX
INST MIN													INST MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 107

TOWNSHIP OF LOBO   CONC. 2   LOT 6

WELL REC #: 4100889
UTM CO-ORD: Z-17 E465180 N4755140
LAT & LONG: 42-57NORTH 81-26WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUN 19 1963
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELEV: 246 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SANDY CLAY AND GRAVEL 2.1: SAND GRAVEL AND SMALL BOULDERS 7.6: SANDY BLUE CLAY 14.6: BLUE CLAY AND GRAVEL 25.9: HARD SANDY CLAY AND GRAVEL 48.8.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 36.6 METRES
LENGTH OF SCREEN: 3.0 METRES
DEPTH OF WELL: 39.6 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.19	9.24	9.23	9.10	8.86	8.85	9.03	9.25	9.38				1
2	9.17	9.26	9.25	9.05	8.90	8.86	8.96	9.24	9.38				2
3	9.20	9.25	9.24	9.09	8.90	8.84	8.93	9.20	9.32				3
4	9.26	9.21	9.16	9.11	8.87	8.83	8.95	9.21	9.29				4
5	9.28	9.22	9.14	9.07	8.87	8.86	9.00	9.21	9.32				5
6	9.25	9.25	9.16	9.07	8.85	8.88	9.05	9.20					6
7	9.20	9.25	9.17	9.08	8.81	8.89	9.09	9.21					7
8	9.17	9.26	9.18	9.09	8.81	8.92	9.10	9.22					8
9	9.19	9.30	9.20	9.02	8.85	8.95	9.10	9.29					9
10	9.22	9.30	9.18	8.98	8.89	8.94	9.09	9.35					10
11	9.24	9.26	9.15	9.04	8.89	8.89	9.06	9.40					11
12	9.24	9.23	9.16	9.06	8.89	8.90	9.07	9.47					12
13	9.23	9.26	9.17	9.04	8.90	8.94	9.10	9.47					13
14	9.15	9.27	9.17	9.00	8.85	8.97	9.12	9.42					14
15	9.18	9.29	9.19	8.95	8.85	9.00	9.13	9.40					15
16	9.20	9.31	9.20	8.90	8.86	9.02	9.11	9.40					16
17	9.20	9.36	9.19	8.92	8.88	9.02	9.16	9.42					17
18	9.20	9.33	9.13	8.97	8.89	9.05	9.22	9.42					18
19	9.24	9.29	9.11	8.98	8.90	9.05	9.23	9.33					19
20	9.19	9.26	9.12	8.97	8.87	9.12	9.25	9.29					20
21	9.11	9.24	9.15	8.96	8.84	9.14	9.27	9.32					21
22	9.11	9.26	9.15	8.94	8.82	9.09	9.27	9.38					22
23	9.20	9.27	9.12	8.94	8.85	9.07	9.26	9.47					23
24	9.21	9.25	9.08	9.00	8.87	9.04	9.28	9.49					24
25	9.19	9.22	9.03	9.02	8.94	9.01	9.31	9.45					25
26	9.22	9.18	9.04	8.98	8.89	9.06	9.30	9.37					26
27	9.23	9.20	9.10	8.94	8.84	9.15	9.27	9.30					27
28	9.16	9.22	9.12	8.93	8.82	9.16	9.29	9.28					28
29	9.17		9.12	8.90	8.82	9.12	9.28	9.32					29
30	9.23		9.12	8.87	8.83	9.08	9.23	9.35					30
31	9.22		9.11		8.84		9.22	9.37					31
					-MONTHLY SUMMARY-								
MEAN	9.20	9.26	9.15	9.00	8.86	8.99	9.15	9.34					MEAN
INST MAX	9.08 (22)	9.16 (26)	9.02 (25)	8.85 (30)	8.80 (8)	8.83 (4)	8.92 (4)	9.19 (8)					INST MAX
INST MIN	9.29 (6)	9.37 (17)	9.27 (3)	9.13 (4)	8.95 (25)	9.17 (27)	9.32 (25)	9.50 (23)					INST MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 029

TOWNSHIP OF WESTMINSTER   GORE   LOT 48

WELL REC #: 4103521
UTM CO-ORD: Z-17 E471660 N4753600
LAT & LONG: 42-56NORTH 82-21WEST

REC METHOD: A35 RECORDER
REC COMMCD: JAN 24 1952
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 246 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 1.2: GRAVEL AND FINE SAND 9.2: GRAVEL AND FINE SAND 18.6: BLUE CLAY AND GRAVEL 22.6: GRAVEL AND CLAY 27.4: BLUE CLAY 29.3: BEDROCK 29.3.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 29.3 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 29.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND & GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1.05	1.57	1.87	2.05	2.20	2.32	2.40	1.71	1
2					1.08	1.58	1.87	2.05	2.21	2.33	2.40	1.70	2
3					1.11	1.59	1.87	2.05	2.21	2.33	2.40		3
4					1.14	1.60	1.87	2.05	2.21	2.33	2.40		4
5					1.17	1.60	1.87	2.05	2.22	2.33	2.40		5
6				1.30	1.20	1.61	1.88	2.06	2.22	2.33	2.40		6
7				1.29	1.22	1.63	1.88	2.06	2.23	2.34	2.40		7
8				1.28	1.24	1.64	1.89	2.08	2.23	2.34	2.40		8
9				1.28	1.27	1.65	1.90	2.09	2.24	2.34	2.40		9
10				1.28	1.29	1.66	1.91	2.09	2.25	2.34	2.40		10
11				1.28	1.31	1.67	1.92	2.09	2.25	2.35	2.40		11
12				1.27	1.34	1.68	1.93	2.10	2.26	2.35	2.40		12
13				1.27	1.35	1.70	1.94	2.11	2.27	2.35	2.40		13
14				1.15	1.37	1.71	1.94	2.12	2.27	2.35	2.40		14
15				0.87	1.38	1.72	1.95	2.12	2.27	2.35	2.40		15
16				0.72	1.40	1.73	1.95	2.13	2.27	2.35	2.40		16
17				0.67	1.42	1.74	1.96	2.13	2.27	2.35	2.39		17
18				0.67	1.43	1.75	1.97	2.14	2.27	2.35	2.39		18
19				0.67	1.45		1.98	2.14	2.27	2.35	2.39		19
20				0.69	1.47		1.99	2.15	2.27	2.35	2.39		20
21				0.71	1.49		2.00	2.16	2.27	2.35	2.40		21
22				0.74	1.50		2.00	2.17	2.27	2.35	2.40		22
23				0.78	1.51		2.01	2.17	2.28	2.36	2.40		23
24				0.82	1.53	1.83	2.02	2.17	2.29	2.36	2.39		24
25				0.86	1.54	1.84	2.02	2.18	2.29	2.37	2.32		25
26				0.89	1.55	1.85	2.03	2.18	2.30	2.38	2.18		26
27				0.92	1.55	1.86	2.04	2.18	2.30	2.38	2.04		27
28				0.95	1.55	1.87	2.04	2.18	2.31	2.39	1.91		28
29				0.98	1.55	1.87	2.05	2.19	2.31	2.39	1.81		29
30				1.01	1.56	1.87	2.05	2.19	2.31	2.39	1.74		30
31					1.56		2.05	2.19		2.40			31
					-MONTHLY SUMMARY-								
MEAN					1.37		1.96	2.12	2.26	2.35	2.32		MEAN
INST MAX					1.03 (1)		1.87 (1)	2.05 (2)	2.20 (1)	2.32 (1)	1.72 (30)		INST MAX
INST MIN					1.57 (31)		2.05 (31)	2.20 (31)	2.32 (30)	2.40 (31)	2.40 (2)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 071

TOWNSHIP OF WESTMINSTER NTR E LOT 62

WELL REC #: 4105766
UTM CO-ORD: Z-17 E478438 N4747840
LAT & LONG: 42-53NORTH 81-16WEST

REC METHOD: A35 RECORDER
REC COMMCD: OCT 16 1958
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 263 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: CLAY 13.7.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 13.7 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 13.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : CLAY
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				1.63	1.41	1.76	2.11	2.35	2.44	2.49	2.45	1.39	1
2				1.60	1.44	1.76	2.12	2.35	2.44	2.49	2.43	1.41	2
3				1.55	1.47	1.77	2.13	2.35	2.44	2.49	2.43	1.43	3
4				1.54	1.50	1.78	2.14	2.36	2.45	2.49	2.43	1.45	4
5				1.53	1.52	1.80	2.15	2.36	2.45	2.49	2.43	1.47	5
6				1.41	1.54	1.81	2.16	2.37	2.45	2.49	2.42	1.49	6
7				1.38	1.57	1.83	2.17	2.37	2.45	2.49	2.42	1.50	7
8				1.37	1.59	1.84	2.18	2.37	2.45	2.49	2.41	1.50	8
9				1.37	1.62	1.86	2.18	2.37	2.45	2.49	2.40	1.49	9
10				1.35	1.64	1.87	2.19	2.38	2.46	2.49	2.38	1.49	10
11				1.29	1.67	1.89	2.20	2.38	2.46	2.49	2.37	1.49	11
12				1.23	1.69	1.90	2.21	2.38	2.46	2.49	2.37	1.50	12
13				1.12	1.71	1.91	2.22	2.39	2.46	2.49	2.36	1.50	13
14				0.79	1.73	1.92	2.22	2.39	2.47	2.49	2.36	1.51	14
15				0.77	1.75	1.94	2.23	2.39	2.47	2.49	2.35	1.52	15
16				0.81	1.77	1.95	2.24	2.40	2.47	2.49	2.35	1.54	16
17				0.85	1.79	1.96	2.24	2.40	2.47	2.49	2.34	1.55	17
18				0.89	1.81	1.98	2.25	2.40	2.47	2.49	2.34	1.56	18
19				0.95	1.82	1.99	2.26	2.40	2.47	2.49	2.33	1.58	19
20				1.00	1.83	2.00	2.27	2.41	2.47	2.49	2.33	1.59	20
21				1.05	1.83	2.01	2.28	2.41	2.47	2.49	2.32	1.61	21
22				1.09	1.85	2.02	2.29	2.41	2.47	2.48	2.20	1.59	22
23				1.14	1.86	2.03	2.29	2.42	2.48	2.48	1.88	1.49	23
24				1.18	1.88	2.04	2.30	2.42	2.48	2.48	1.68	1.28	24
25				1.22	1.89	2.06	2.31	2.42	2.48	2.48	1.61	1.03	25
26			1.85	1.26	1.88	2.07	2.32	2.43	2.48	2.47		1.00	26
27			1.84	1.29	1.88	2.08	2.32	2.43	2.48	2.47		1.01	27
28			1.84	1.32	1.88	2.09	2.33	2.43	2.48	2.47	1.38	1.04	28
29			1.85	1.35	1.86	2.09	2.34	2.43	2.48	2.46	1.37	1.06	29
30			1.77	1.38	1.80	2.10	2.34	2.43	2.48	2.46	1.37	1.09	30
31			1.66		1.77		2.35	2.44		2.46		1.12	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN				1.22	1.72	1.94	2.24	2.39	2.46	2.48		1.40	MEAN
INST				0.76	1.40	1.76	2.11	2.35	2.44	2.46		0.99	INST
MAX				(15)	(1)	(1)	(1)	(1)	(1)	(31)		(26)	MAX
INST				1.64	1.89	2.11	2.35	2.44	2.49	2.50		1.61	INST
MIN				(1)	(25)	(30)	(31)	(31)	(30)	(12)		(21)	MIN

ENVIRONMENT ONTARIO
TORONTO
MIDDLESEX COUNTY

OBSERVATION WELL 513

TOWNSHIP OF WESTMINSTER CONC. 5 LOT 22

WELL REC #: 4103738
UTM CO-ORD: Z-17 E479040 N4748890
LAT & LONG: 42-54NORTH 81-15WEST

REC METHOD: A35 RECORDER
REC COMMCD: AUG 9 1959
MEASURE PT: 1.6 METRES ABOVE GROUND SURFACE
GND ELEV: 258 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; FINE SAND 2.4; BLUE CLAY 14.6; CLAY AND GRAVEL 24.4; BLUE CLAY AND GRAVEL 28.7; CLAY AND GRAVEL 30.2; GRAVEL AND MIXED SAND 31.4; CLAY AND GRAVEL 31.7; GRAVEL AND MIXED SAND 36; FINE SAND 38.1; MIXED SAND AND SILT. CLAY 39.3; GRAVEL AND FINE SAND 42.3; GRAVEL 43.9.

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 31.1 METRES
LENGTH OF SCREEN: 3 METRES
DEPTH OF WELL: 34.2 METRES

PUMP RATE: 53.2 L/S
SPEC. CAP: 0.41 L/S/M
AQUIFER : GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					9.39	9.32	9.26	9.28	9.27	9.25	9.25	9.20	1
2					9.38	9.32	9.28	9.26	9.25	9.23	9.25	9.24	2
3					9.33	9.30	9.30	9.28	9.25	9.23	9.26	9.22	3
4					9.36	9.29	9.29	9.28	9.26	9.23	9.28	9.18	4
5				9.51	9.36	9.28	9.31	9.29	9.26	9.23	9.28	9.12	5
6				9.53	9.34	9.29	9.32	9.29	9.23	9.21	9.26	9.14	6
7				9.58	9.34	9.29	9.33	9.28	9.25	9.22	9.26	9.13	7
8				9.53	9.34	9.30	9.33	9.28	9.28	9.25	9.23	9.20	8
9				9.49	9.34	9.31	9.31	9.29	9.29	9.24	9.21	9.19	9
10				9.54	9.34	9.27	9.29	9.25	9.27	9.25	9.23	9.18	10
11				9.55	9.33	9.30	9.29	9.27	9.28	9.23	9.27	9.16	11
12				9.52	9.33	9.31	9.29	9.28	9.29	9.21	9.28	9.18	12
13				9.49	9.33	9.32	9.29	9.28	9.27	9.24	9.26	9.20	13
14				9.47	9.34	9.32	9.28	9.27	9.24	9.28	9.26	9.20	14
15				9.47	9.34	9.32	9.28	9.29	9.27	9.27	9.24	9.18	15
16				9.48	9.36	9.31	9.29	9.30	9.29	9.27	9.26	9.16	16
17				9.48	9.36	9.30	9.30	9.30	9.29	9.27	9.24	9.20	17
18				9.48	9.34	9.32	9.30	9.26	9.26	9.28	9.23	9.18	18
19				9.47	9.32	9.34	9.31	9.26	9.27	9.26	9.25	9.16	19
20				9.46	9.31	9.33	9.31	9.28	9.27	9.24	9.26	9.19	20
21				9.44	9.32	9.31	9.31	9.28	9.25	9.25	9.26	9.18	21
22				9.44	9.34	9.30	9.31	9.27	9.26	9.24	9.24	9.15	22
23				9.43	9.32	9.30	9.31	9.26	9.28	9.21	9.23	9.14	23
24				9.41	9.31	9.32	9.31	9.25	9.29	9.22	9.25	9.11	24
25				9.38	9.29	9.33	9.31	9.26	9.28	9.25	9.24	9.11	25
26				9.35	9.27	9.33	9.29	9.28	9.28	9.26	9.17	9.15	26
27				9.35	9.29	9.32	9.29	9.27	9.28	9.25	9.22	9.16	27
28				9.38	9.30	9.32	9.29	9.26	9.26	9.22	9.19	9.16	28
29				9.39	9.31	9.29	9.29	9.25	9.26	9.26	9.20	9.14	29
30				9.37	9.31	9.27	9.29	9.25	9.26	9.28	9.20	9.11	30
31					9.32		9.28	9.27		9.27		9.10	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN					9.33	9.31	9.30	9.27	9.27	9.25	9.24	9.17	MEAN
INST					9.27	9.25	9.26	9.24	9.23	9.20	9.15	9.09	INST
MAX					(26)	(10)	(1)	(10)	(14)	(12)	(26)	(25)	MAX
INST					9.40	9.34	9.33	9.30	9.30	9.28	9.29	9.25	INST
MIN					(1)	(20)	(7)	(17)	(24)	(30)	(4)	(2)	MIN

ENVIRONMENT ONTARIO
TORONTO
OXFORD COUNTY

OBSERVATION WELL 542

TOWNSHIP OF BLENHEIM CONC. 13 LOT 18

WELL REC #: 4704983
UTM CO-ORD: Z-17 E530500 N4794630
LAT & LONG: 43 - 18NORTH 80-37 WEST

REC METHOD: A35 RECORDER
REC COMMCD: OCT. 26 1978
MEASURE PT: 0.43 METRES ABOVE GROUND SURFACE
GND ELEV: 307 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: STONY TILL 5.8; SILTY CLAY 7.6; STONY TILL 9.8; FINE SAND 13.7; COARSE SAND 16.2; MUDDY COARSE SAND 16.8; VERY COARSE SAND 17.1.

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 14.8 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 16.3 METRES

PUMP RATE: 8 L/S
SPEC. CAP: N.A.
AQUIFER : COARSE SAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.42	1.94	1.76	1.23									1
2	0.99	2.00	1.79	1.31									2
3	1.02	2.01	1.72	1.32									3
4	1.20	1.94	1.53	1.40									4
5	1.41		1.13	1.47									5
6			0.74	1.43									6
7			0.84	1.53									7
8			0.94	1.55									8
9			0.95	1.58									9
10			0.98	1.63									10
11			1.02										11
12			1.19										12
13			1.29										13
14			1.12										14
15			0.72										15
16			0.88										16
17			1.19										17
18			1.29										18
19			1.27										19
20	1.95		1.27										20
21	1.90		1.28										21
22	1.98		1.26										22
23	2.09		1.26										23
24	2.11		1.23										24
25	2.04		1.18										25
26	1.94		1.30										26
27	1.92		1.47										27
28	1.90	1.79	1.54										28
29	1.90		1.56										29
30	1.91		1.30										30
31	1.90		1.06										31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN			1.23										MEAN
INST MAX			0.65 (15)										INST MAX
INST MIN			1.90 (2)										INST MIN

ENVIRONMENT ONTARIO
TORONTO
OXFORD COUNTY

OBSERVATION WELL 177

TOWNSHIP OF SOUTH NORWICH CONC. 9 LOT 27

WELL REC #: 4702076
UTM CO-ORD: Z-17 E424100 N4750750
LAT & LONG: 42 - 55NORTH 80 -42 WEST

REC METHOD: A-35 RECORDER
REC COMMCD: MAY 26 1966
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 252 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK LOAM 0.3; FINE BROWN SAND 3.1; FINE QUICKSAND 11.6; GREY CLAY 15.9; GRAVEL LAYER 16; CLAY WITH GRAVEL 18.3 GRAVEL 18.5; SAND 19.8; QUICKSAND 23.2; CLAY AND SILT 26.8; HARD CLAY WITH STONES 34.2; LIMESTONE BEDROCK 37.4.

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 33.6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 37.4 METRES

PUMP RATE: 193 L/S
SPEC. CAP: 0.40 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	12.17	11.79	11.59										1
2	12.16	11.79											2
3	12.16	11.80											3
4	12.16	11.80											4
5	12.16	11.80											5
6	12.16	11.80											6
7	12.13	11.80											7
8	12.09	11.80											8
9	12.09	11.80											9
10	12.09	11.75											10
11	12.09	11.76											11
12	12.09	11.75											12
13	12.02	11.76											13
14	11.88	11.74											14
15	11.88	11.72											15
16	11.89	11.73											16
17	11.90	11.72											17
18	11.90	11.72											18
19	11.91	11.71											19
20	11.90	11.70											20
21	11.80	11.69											21
22	11.78	11.68											22
23	11.78	11.66											23
24	11.79	11.57											24
25	11.78	11.57											25
26	11.78	11.57											26
27	11.78	11.58											27
28	11.78	11.59											28
29	11.78												29
30	11.78												30
31	11.78												31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	11.95	11.72											MEAN
INST MAX	11.78 (25)	11.57 (25)											INST MAX
INST MIN	12.20 (1)	11.81 (7)											INST MIN

ENVIRONMENT ONTARIO
TORONTO
PERTH COUNTY

OBSERVATION WELL 045

TOWNSHIP OF BLANSHARD WB LOT 11

WELL REC #: 5001877
UTM CO-ORD: 7-17 E474275 N4795450
LAT & LONG: 43-19NORTH 81-18WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 26 1970
MEASURE PT: 0.3 METRES ABOVE GROUND SURFACE
GND ELEV: 358 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN SAND AND CLAY FILL 0.6; SAND, GRAVEL 1.8; COARSE GRAVEL AND SMALL STONES 10.7; COARSE SAND, YELLOWISH CLAY 11.

DIAMETER OF WELL: 10 CM
LENGTH OF CASING: 9.8 METRES
LENGTH OF SCREEN: 1.2 METRES
DEPTH OF WELL: 11 METRES

PUMP RATE: 1.1 L/S
SPEC. CAP: N.A.
AQUIFER : GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					1.02	1.50	1.88	2.37		3.14	2.84	1.79	1
2					1.04	1.52	1.81	2.37		3.14	2.80	1.85	2
3					1.05	1.54	1.80	2.37		3.14	2.76	1.88	3
4					1.07	1.55	1.83	2.37		3.13	2.75	1.89	4
5					1.09	1.56	1.86	2.39		3.14	2.75	1.89	5
6					1.11	1.57	1.89	2.41		3.14	2.76	1.81	6
7					1.13	1.58	1.93	2.44		3.14	2.76	1.78	7
8					1.15	1.60	1.96	2.47		3.13	2.76	1.65	8
9					1.17	1.61	1.98	2.49		3.09	2.76	1.63	9
10					1.19	1.62	1.99	2.50		3.06	2.73	1.68	10
11				0.90	1.21	1.63	2.01	2.52		3.05	2.68	1.69	11
12				0.89	1.22	1.64	2.02	2.55		3.04	2.68	1.60	12
13				0.81	1.23	1.66	2.04	2.57		3.00	2.68	1.55	13
14				0.59	1.24	1.67	2.06	2.58		2.90	2.68	1.59	14
15				0.71	1.24	1.68	2.09	2.60		2.84	2.68	1.64	15
16				0.76	1.25	1.70	2.12	2.62		2.83	2.69	1.66	16
17				0.79	1.27	1.72	2.14	2.64		2.83	2.69	1.67	17
18				0.81	1.28	1.73	2.17	2.65	3.00	2.83	2.69	1.68	18
19				0.82	1.30	1.75	2.20	2.66	3.02	2.84	2.70	1.68	19
20				0.83	1.32	1.77	2.23	2.67	3.02	2.85	2.71	1.68	20
21				0.85	1.34	1.78	2.26	2.69	3.03	2.85	2.71	1.69	21
22				0.87	1.35	1.80	2.30	2.71	3.05	2.85	2.69	1.66	22
23				0.89	1.38	1.82	2.33	2.72	3.05	2.86	2.30	1.46	23
24				0.90	1.40	1.84	2.29	2.73	3.06	2.86	1.65	1.21	24
25				0.92	1.40	1.87	2.23	2.74	3.07	2.87	1.61	0.97	25
26				0.94	1.40	1.89	2.22	2.75	3.07	2.85	1.55	1.04	26
27				0.93	1.40	1.90	2.22	2.76	3.09	2.84	1.50	1.10	27
28				0.95	1.41	1.90	2.25		3.10	2.84	1.59	1.13	28
29				0.98	1.44	1.90	2.28		3.11	2.84	1.64	1.14	29
30				1.00	1.46	1.90	2.32		3.12	2.84	1.73	1.15	30
31					1.48		2.35			2.84		1.17	31
						-MONTHLY SUMMARY-							
MEAN					1.26	1.71	2.10			2.95	2.45	1.55	MEAN
INST MAX					1.01 (1)	1.49 (1)	1.80 (3)			2.83 (17)	1.44 (26)	0.94 (25)	INST MAX
INST MIN					1.49 (31)	1.90 (29)	2.36 (31)			3.14 (1)	2.85 (1)	1.90 (5)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
PERTH COUNTY

OBSERVATION WELL 182

TOWN OF STRATFORD CONC. - LOT -

WELL REC #: 5001349
UTM CO-ORD: Z-17 E503000 N4802260
LAT & LONG: 43-23NORTH 80-58WEST

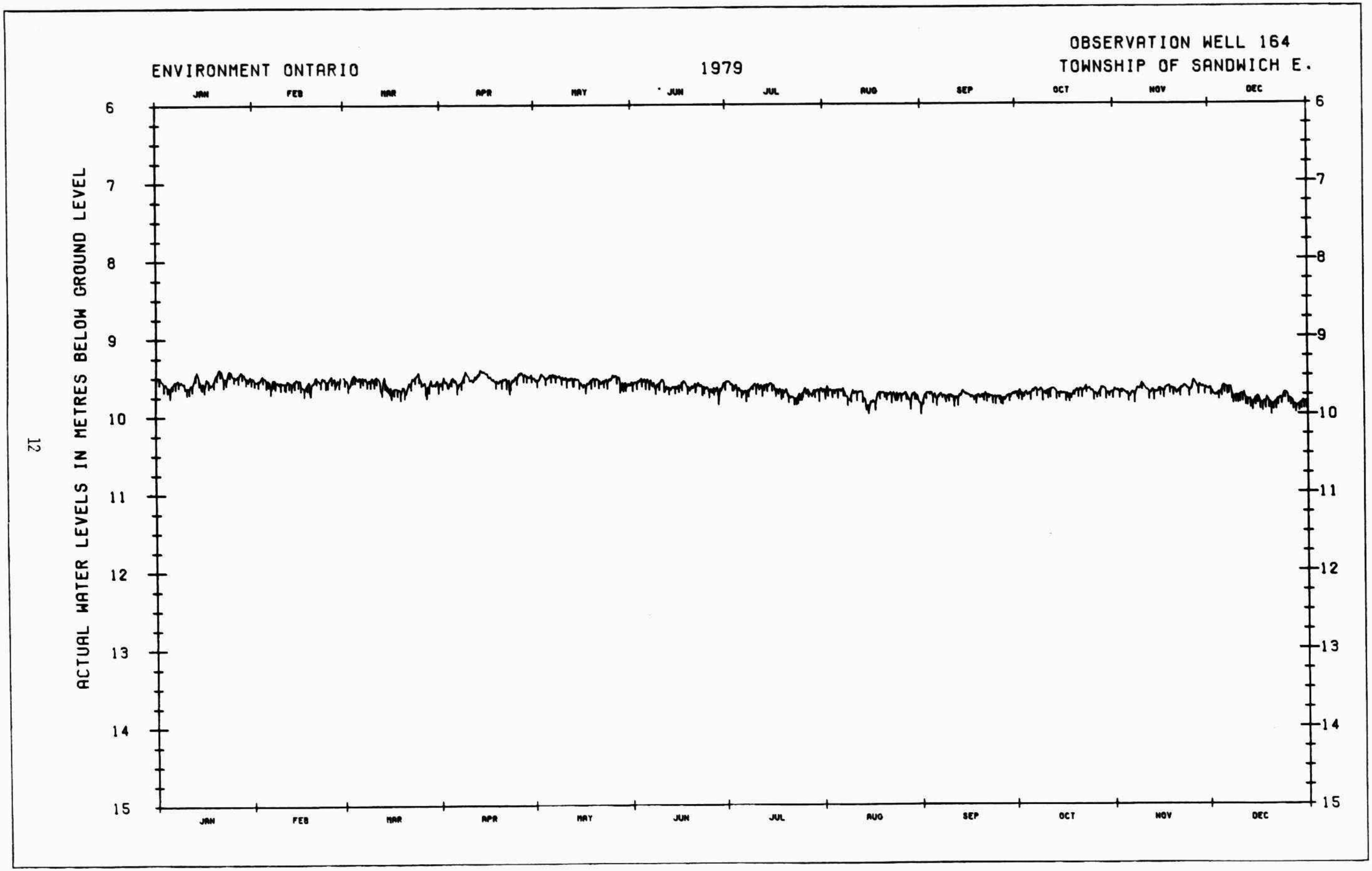
REC METHOD: A35 RECORDER
REC COMMCD: SEP 15 1966
MEASURE PT: 0.5 METRES ABOVE GROUND SURFACE
GND ELEV: 301 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.9; SAND AND GRAVEL 1.8; YELLOW CLAY 4.6; YELLOW CLAY AND BOULDERS 7.6; GREY HARDPAN 31.4; CEMENTED GRAVEL 35.1; COARSE GRAVEL 36.6; CEMENTED GRAVEL 38.7; BROWN LIMESTONE 105.2; BROWN LIMESTONE 126.6; SOFT WHITE LIMESTONE 132.6; GREY SHALE 134.2.

DIAMETER OF WELL: 36 CM
LENGTH OF CASING: 38.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 134.2 METRES

PUMP RATE: 40 L/S
SPEC. CAP: 0.25 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

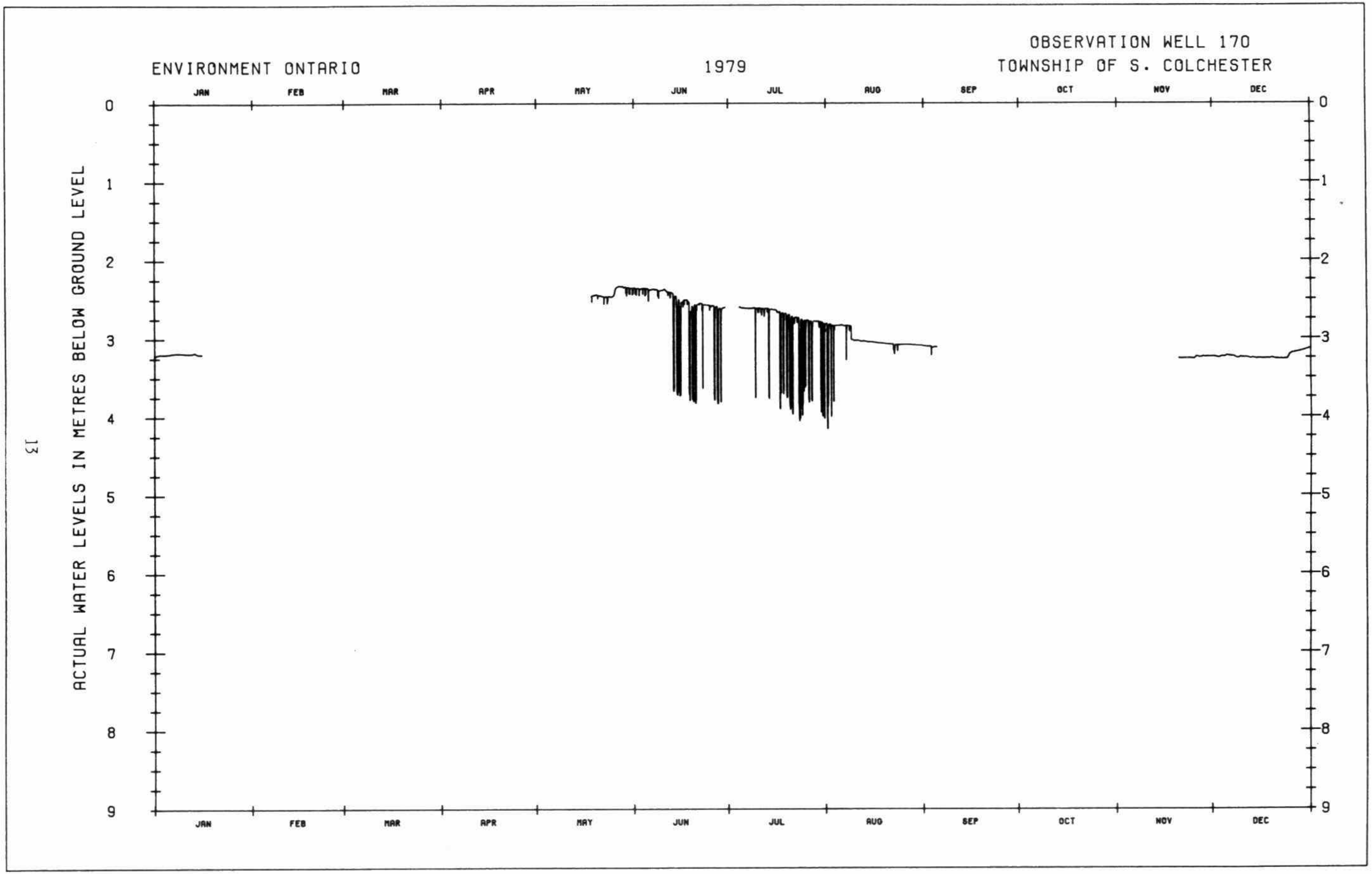
DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	17.58	18.88	19.89	16.88	18.54	20.04	17.73	18.85	19.86	19.02	20.18	19.41	1
2	17.76	19.06	19.72	18.11	18.55	19.55	17.65	18.90	18.58	19.72	20.34	19.71	2
3	18.25	18.56	19.47	18.86	18.77	18.57	18.90	18.71	18.32	19.85	20.05	19.74	3
4	18.46	17.11	19.34	19.05	18.90	19.75	19.78	18.53	19.32	20.01	20.12	19.88	4
5	18.54	18.16	19.51	19.09	18.94	19.64	19.92	17.65	20.19	20.30	20.46	19.50	5
6	18.35	18.78	19.71	18.98	18.80	20.01	20.28	17.44	20.51	20.31	20.04	19.55	6
7	16.67	18.82	19.83	18.25	19.09	20.34	19.97	18.65	20.61	19.95	19.96	19.60	7
8	17.57	18.79	19.96	18.61	19.43	20.36	19.72	18.94	19.83	19.78	19.94	19.65	8
9	18.34	19.11	20.01	18.75	19.65	19.64	20.19	18.99	19.12	19.81	19.95	18.23	9
10	18.54	19.00	19.82	18.97	19.89	19.42	19.90	19.08	19.08	20.23	19.76	18.64	10
11	18.95	18.94	19.45		19.99	19.90	20.24	19.02	19.55	20.33	19.96	19.23	11
12	18.97	18.70	19.53	19.15	19.50	20.20	20.67	17.89	20.08	20.29	19.91	19.42	12
13	18.38	18.85	19.68	18.88	18.32	20.69	20.82	18.34	20.37	20.33	20.07	19.56	13
14	16.96	19.10	19.79	18.16	19.14	20.89	20.20	19.05	20.21	20.10	19.88	19.61	14
15	17.89	19.18	19.99	16.77	19.07	21.06	19.49	19.27	19.69	20.25	19.83	19.57	15
16	18.57	19.34	19.95	17.45	19.59	20.87	20.41	19.30	19.77	20.46	19.89	19.48	16
17	18.75	19.39	19.78	18.35	20.41	19.98	20.74	19.48	20.02	20.60	20.02	19.54	17
18	18.90	19.12	18.77	18.67	20.09	20.62	20.87	19.18	20.23	20.61	19.87	19.40	18
19	18.94	19.17	19.25	17.75	19.04	21.09	21.10	19.31	20.21	20.69	19.88	19.57	19
20	18.23	19.48	19.47	19.15	17.50	21.46	21.61	19.30	20.49	20.57	20.11	19.61	20
21	18.34	19.53	19.57	18.59	17.57	21.50	21.15	19.42	20.31	20.32	20.26	19.61	21
22	18.56	19.73	19.59	18.57	18.93	21.33	20.69	20.12	20.29	20.46	20.20	19.15	22
23	18.88	19.74	19.52	18.56	19.80	20.53	20.85	20.22	20.02	20.45	20.22	19.11	23
24	19.05	19.65	19.19	18.84	19.74	20.00	21.10	20.08	20.15	20.75	20.12	18.90	24
25	19.06	19.43	17.36	18.96	19.74	20.63	20.58	20.05	20.28	21.50	19.88	18.68	25
26	19.24	19.42	18.49	19.02	18.49	21.52	19.95	19.81	20.57	21.05	19.60	17.82	26
27	19.05	19.65	19.11	19.05	18.80	21.73	19.79	20.28	20.70	20.57	19.41	17.94	27
28	18.70	19.82	19.35	18.57	19.47	21.03	19.56	21.16	20.48	19.69	19.41	16.75	28
29	18.83		19.40	17.59	19.70	20.72	18.71	20.44	20.40	20.09	19.65	17.35	29
30	19.04		19.33	18.16	19.58	18.71	19.09	20.31	18.63	20.38	19.57	18.33	30
31	19.14		18.96		19.75		19.07	20.97		20.91		16.59	31
						-MONTHLY SUMMARY-							
MEAN	18.47	19.09	19.44		19.19	20.39	20.02	19.31	19.93	20.30	19.95	19.00	MEAN
INST MAX	15.93 (8)	16.41 (5)	16.77 (26)		16.43 (21)	17.26 (3).	17.22 (2)	16.71 (6)	17.52 (3)	17.89 (1)	18.29 (27)	15.94 (31)	INST MAX
INST MIN	19.51 (23)	20.04 (28)	20.18 (9)		21.06 (17)	21.86 (22)	21.82 (20)	21.61 (31)	21.53 (27)	21.75 (25)	21.26 (5)	20.25 (17)	INST MIN



ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 164
TOWNSHIP OF SANDWICH E.


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 170
TOWNSHIP OF S. COLCHESTER
JAN
FEB
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ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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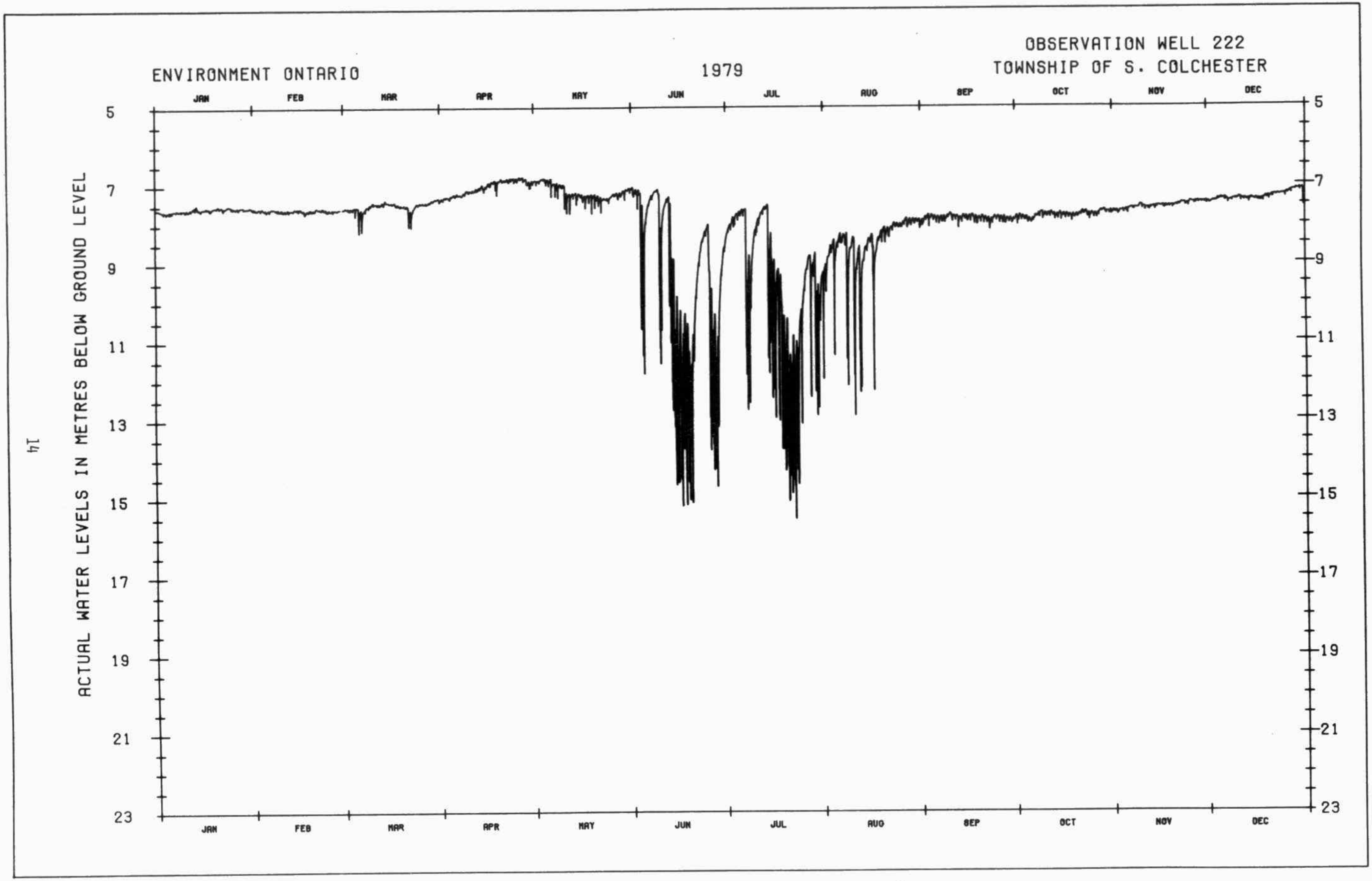
ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 222
TOWNSHIP OF S. COLCHESTER
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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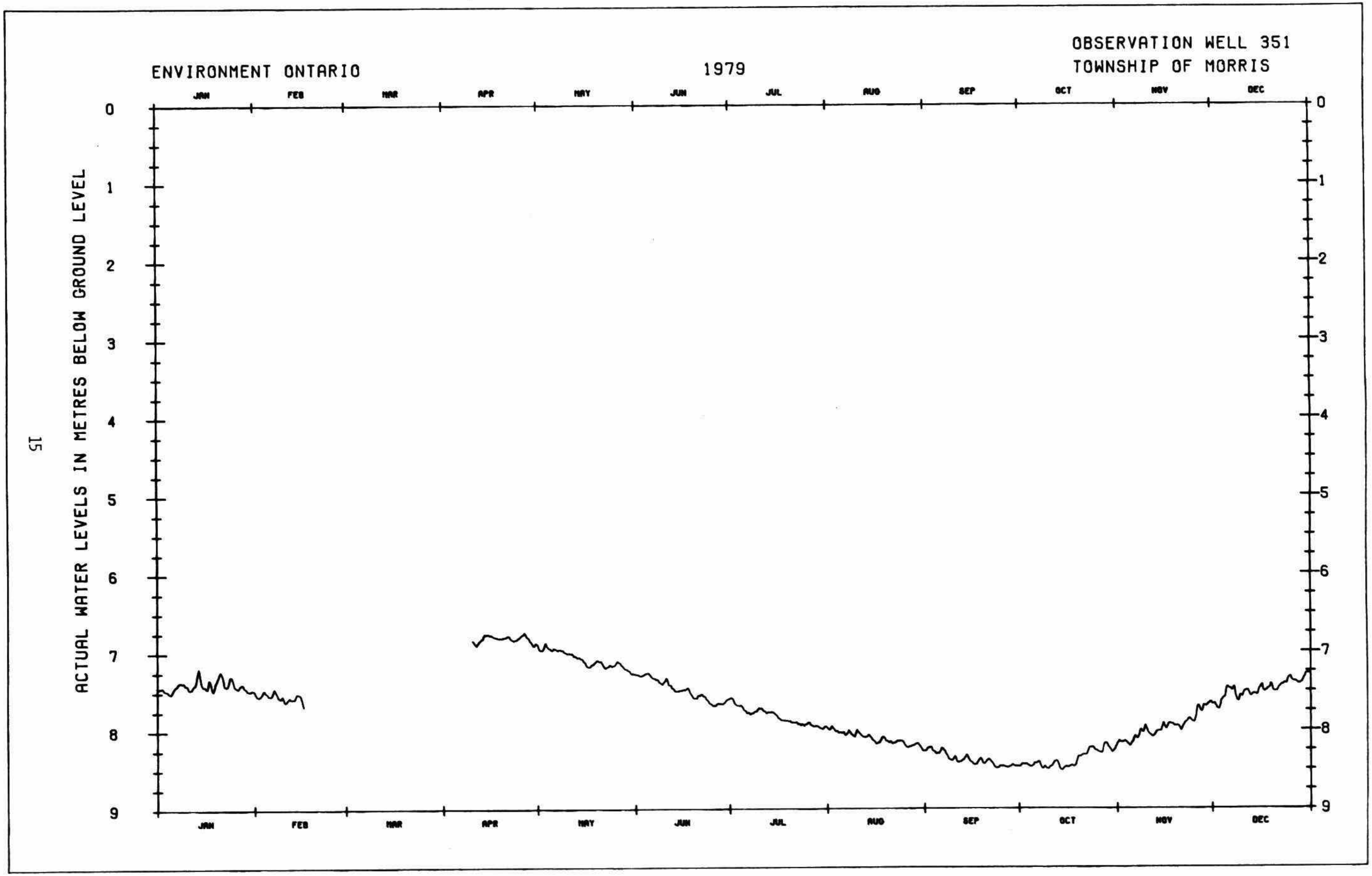

OBSERVATION WELL 351
TOWNSHIP OF MORRIS
ENVIRONMENT ONTARIO
1979
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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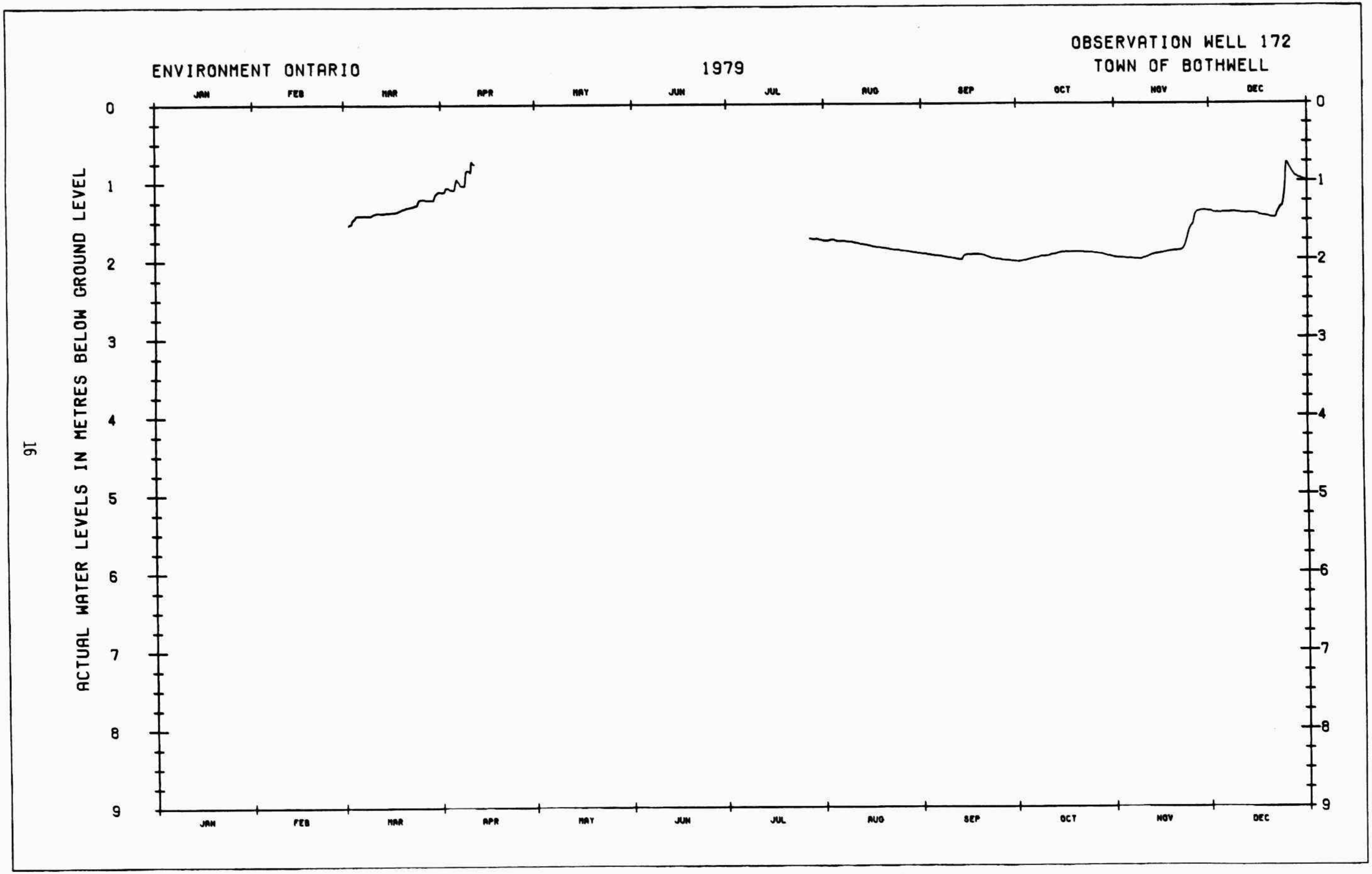
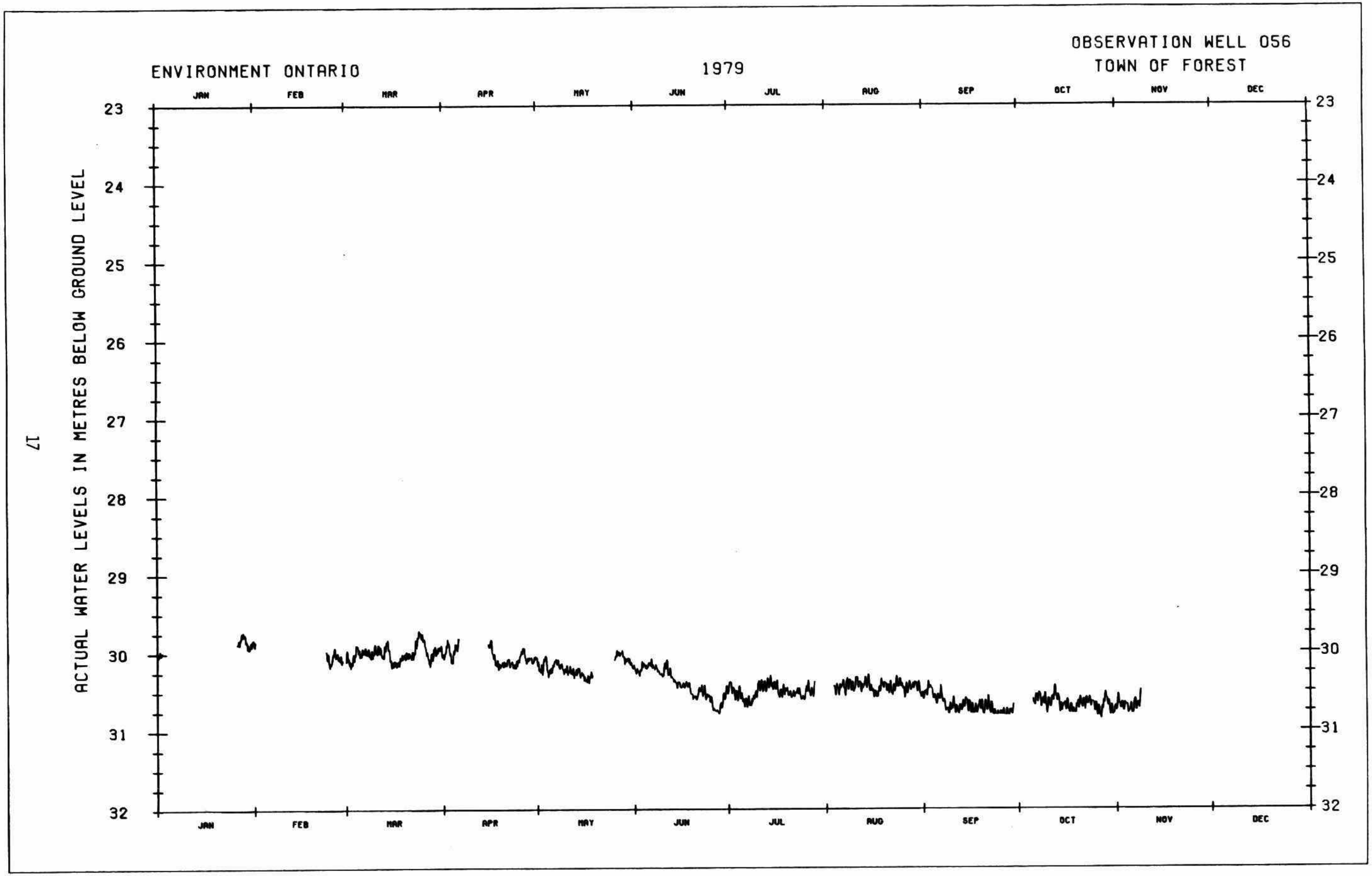


ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 172
TOWN OF BOTHWELL


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 056
TOWN OF FOREST
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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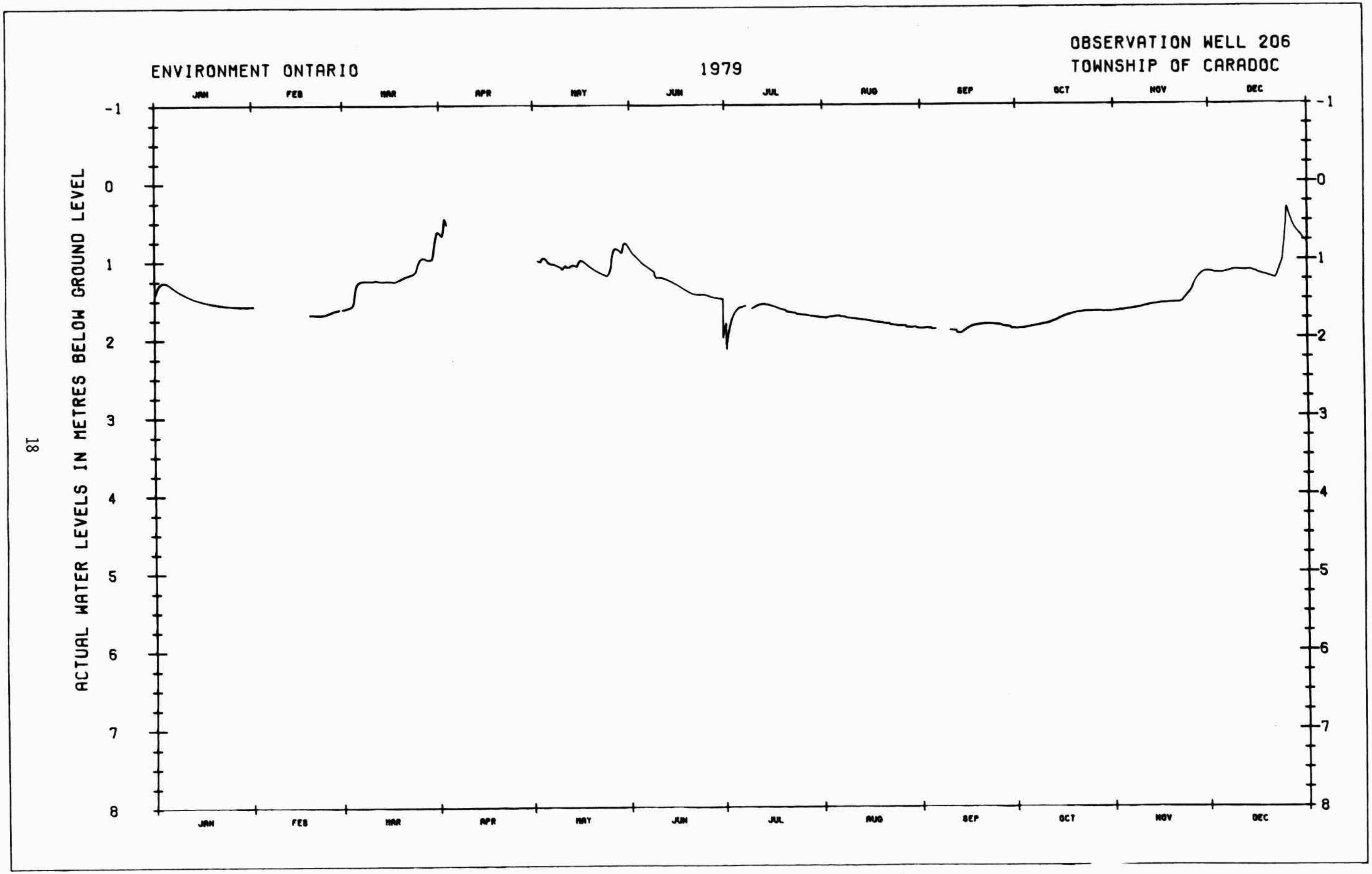
ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 206
TOWNSHIP OF CARADOC
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ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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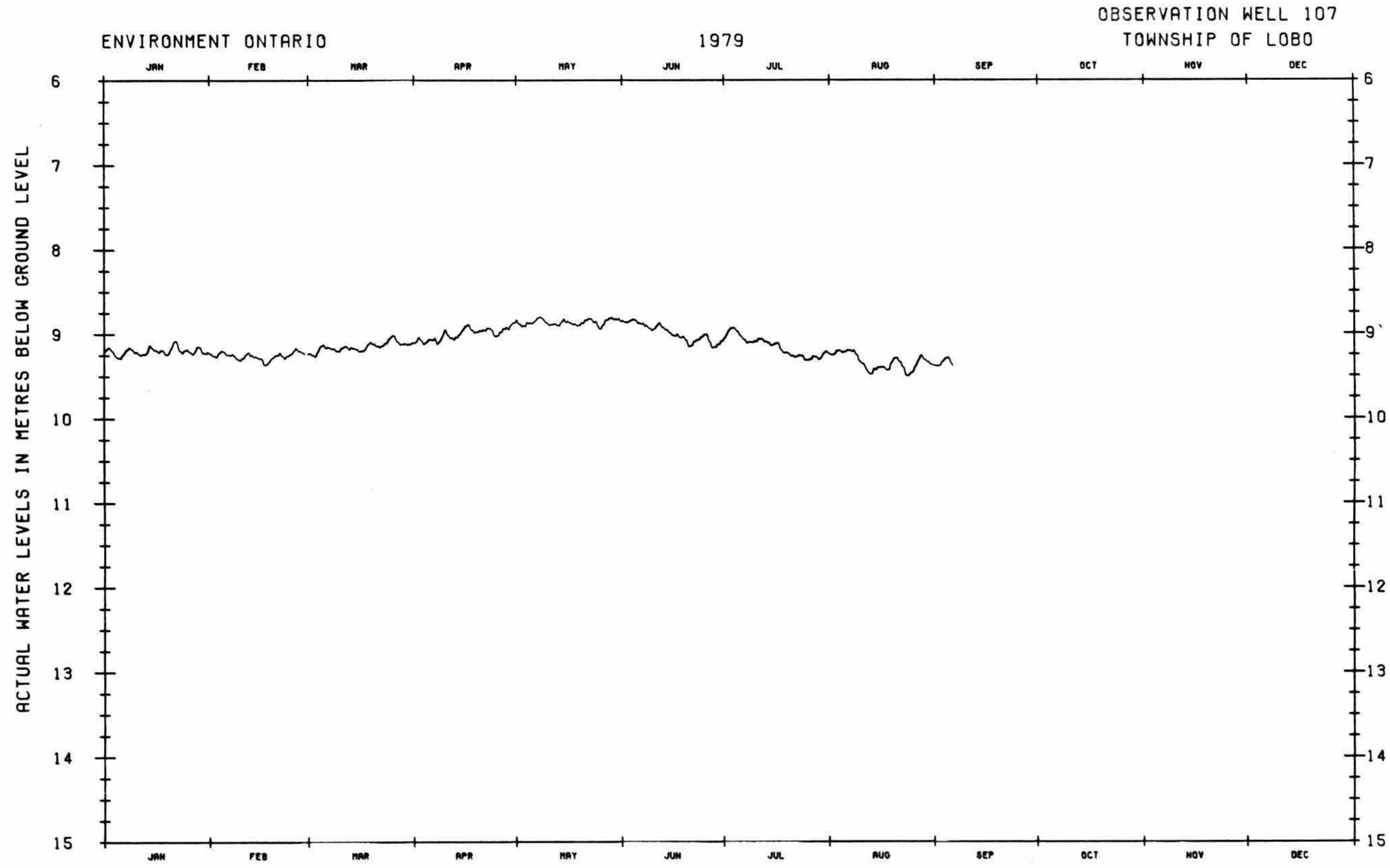
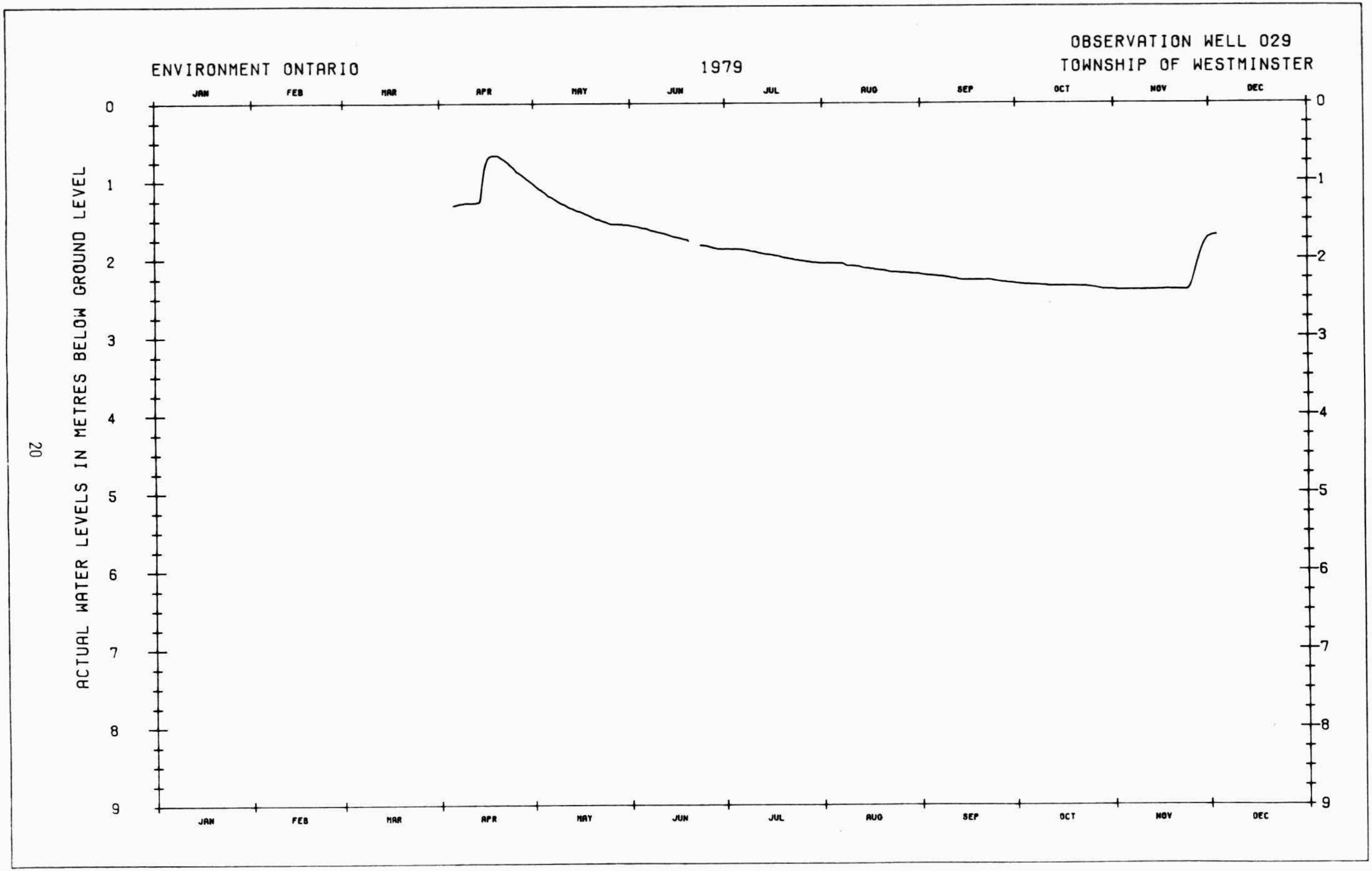


ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 107
TOWNSHIP OF LOBO


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 029
TOWNSHIP OF WESTMINSTER
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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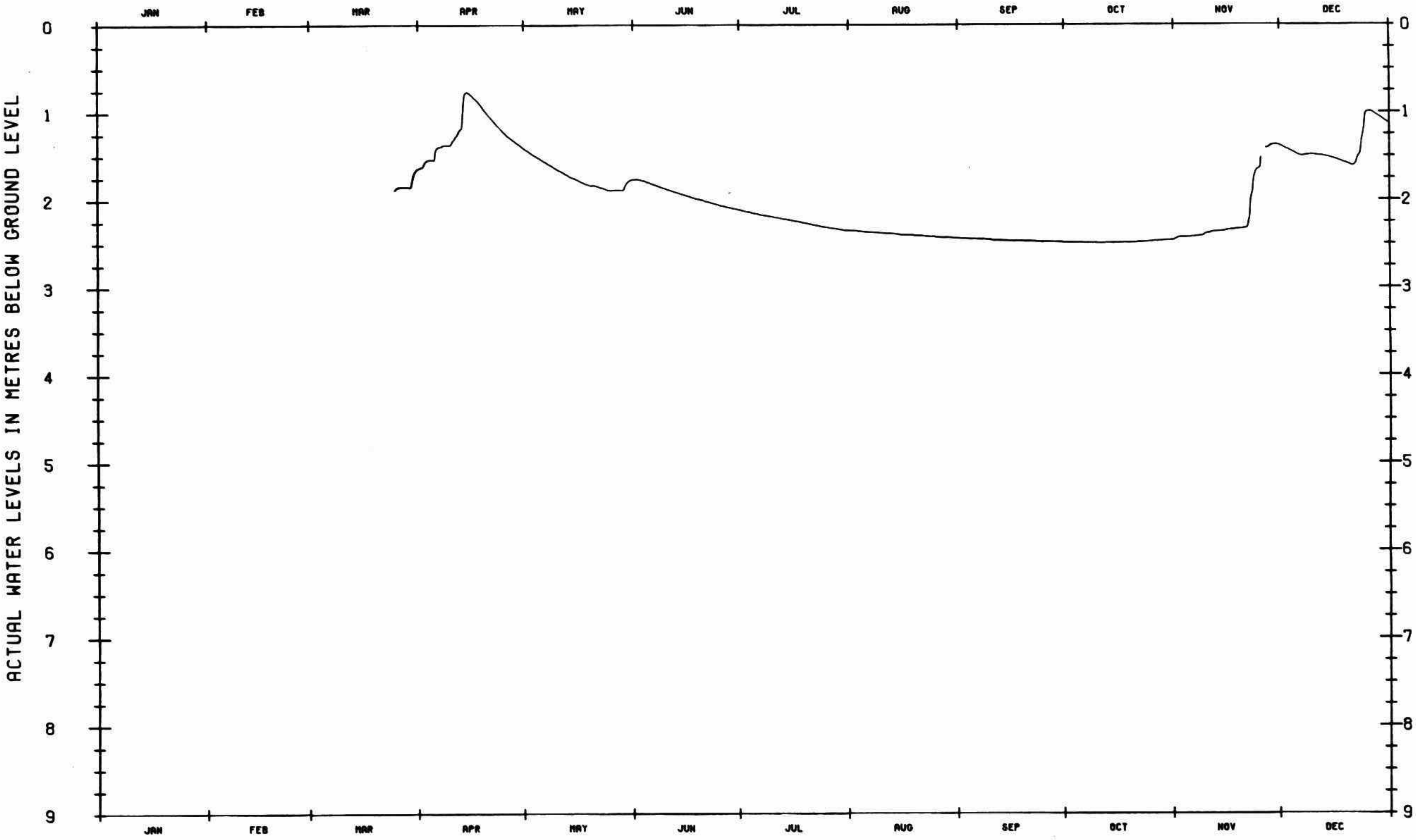
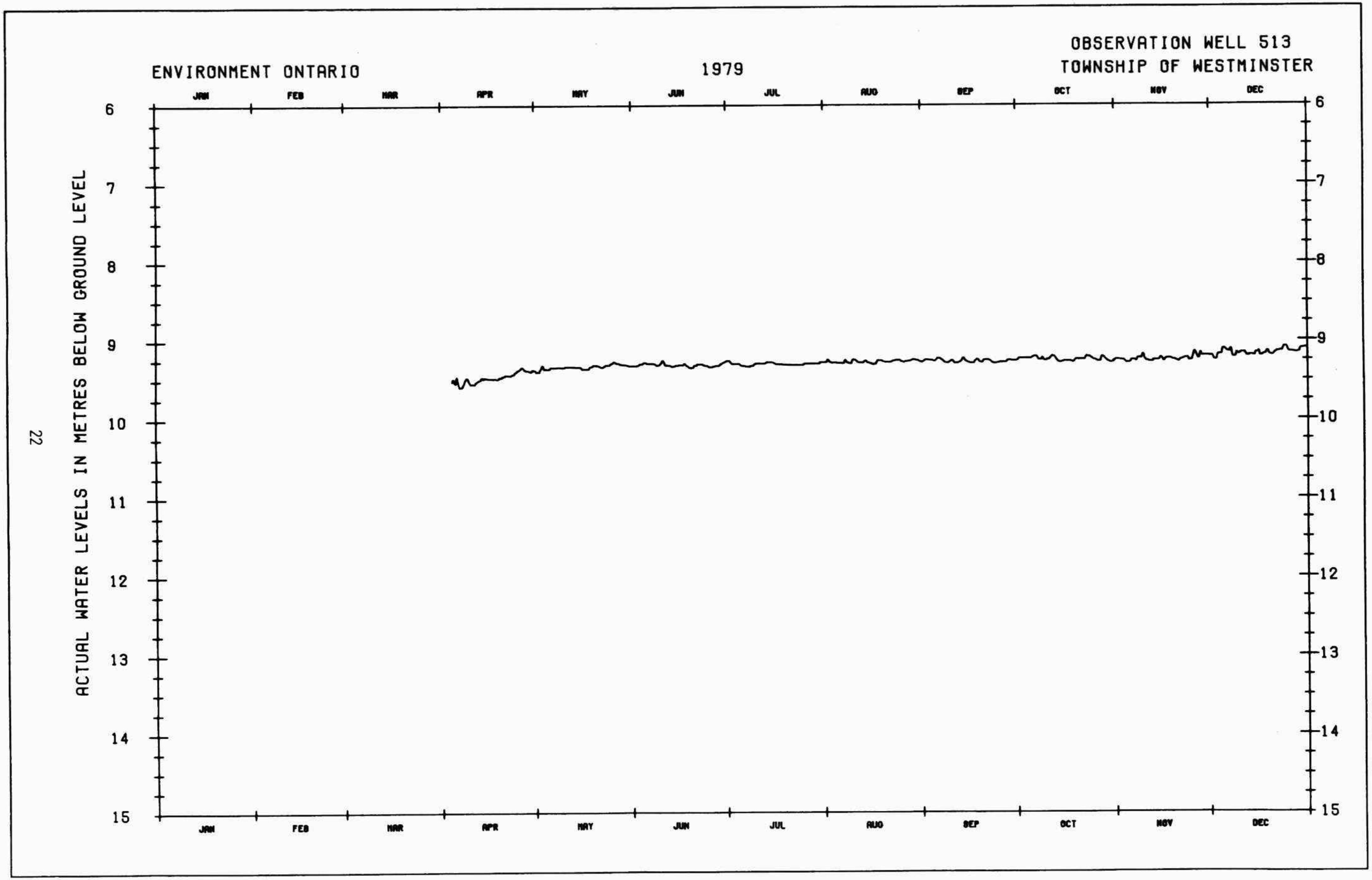
OBSERVATION WELL 071

ENVIRONMENT ONTARIO 1979 TOWNSHIP OF WESTMINSTER




ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 513
TOWNSHIP OF WESTMINSTER
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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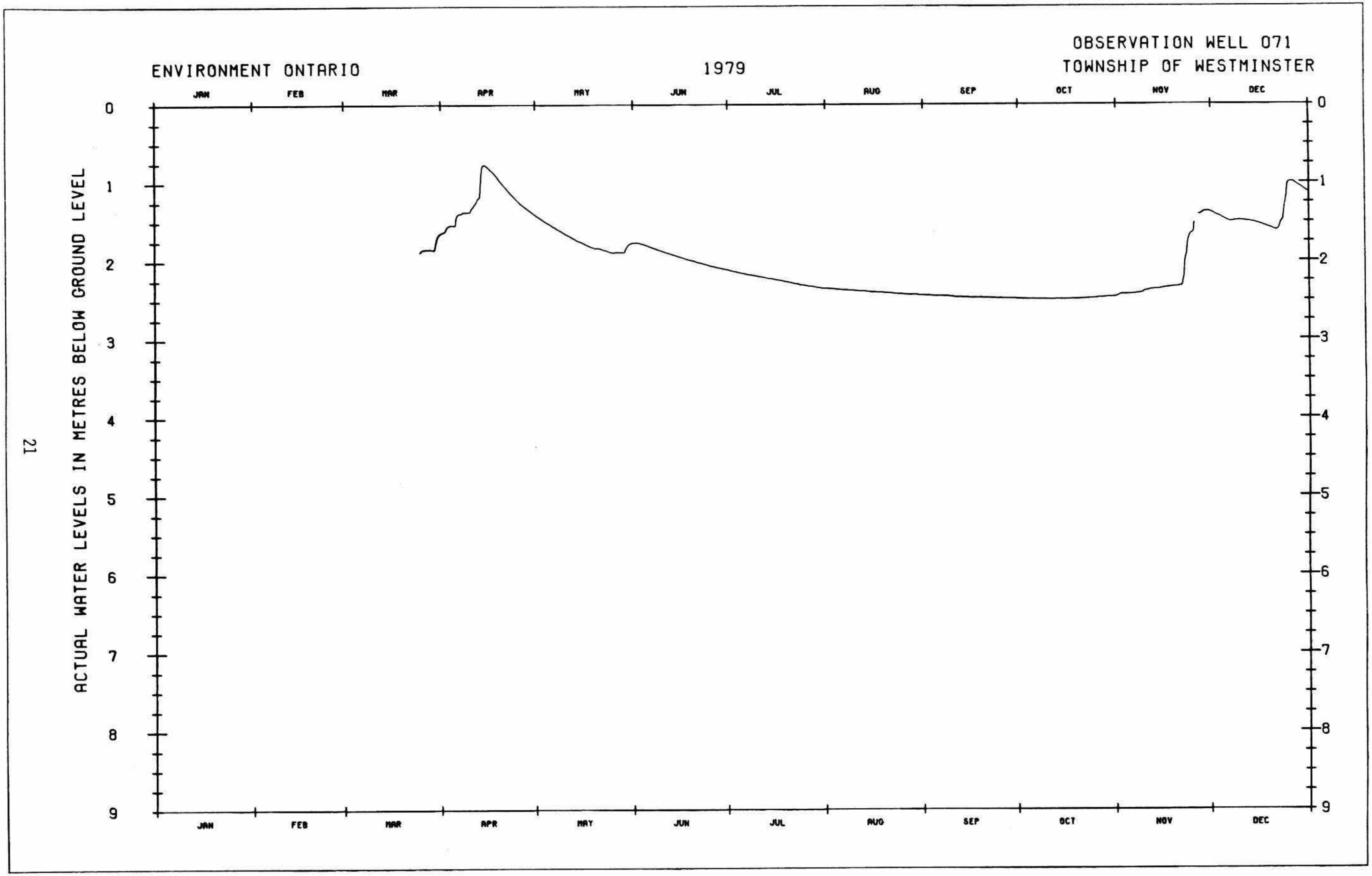
OBSERVATION WELL 071
ENVIRONMENT ONTARIO
1979
TOWNSHIP OF WESTMINSTER
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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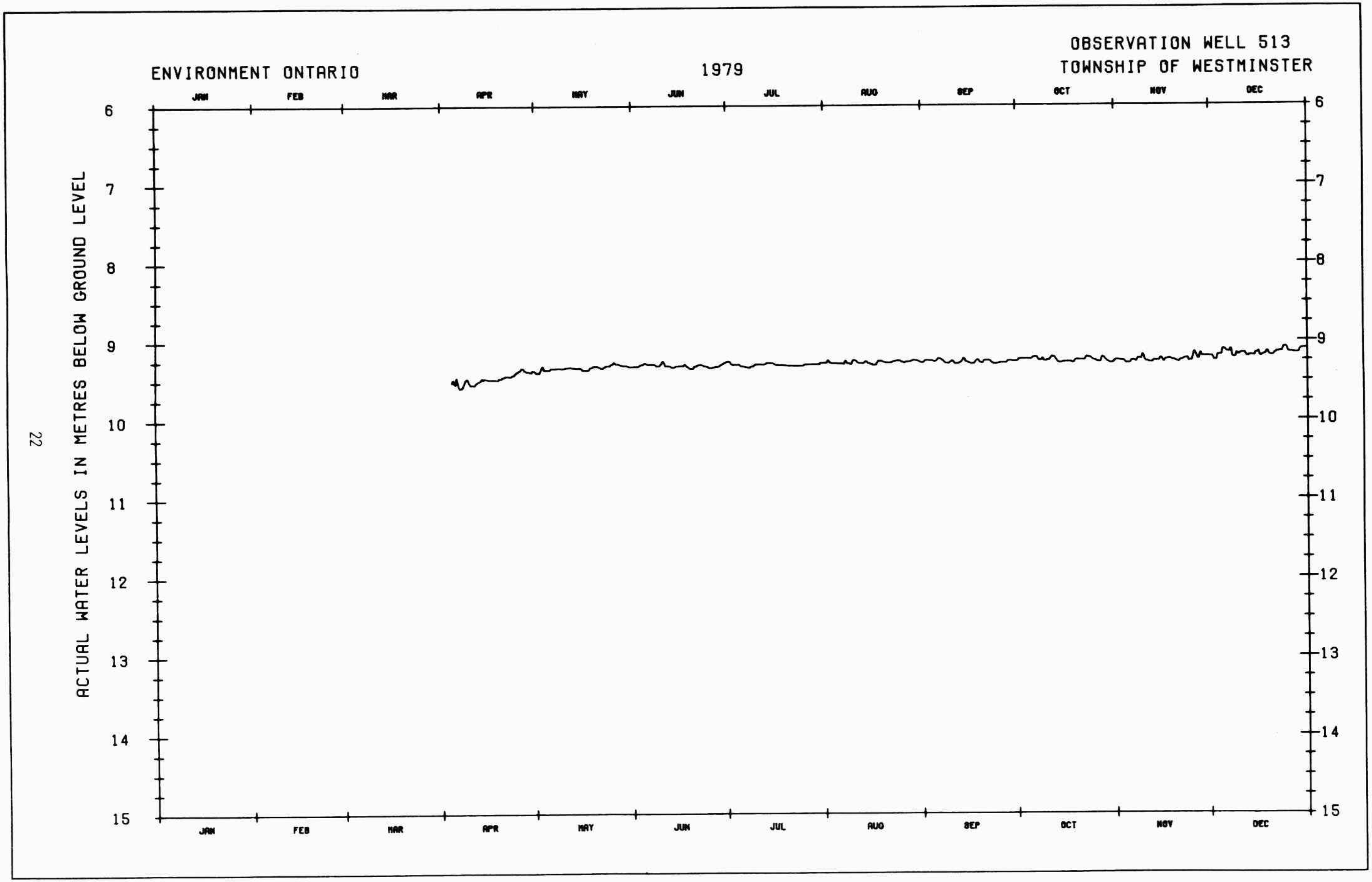
OBSERVATION WELL 513
ENVIRONMENT ONTARIO
1979
TOWNSHIP OF WESTMINSTER
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ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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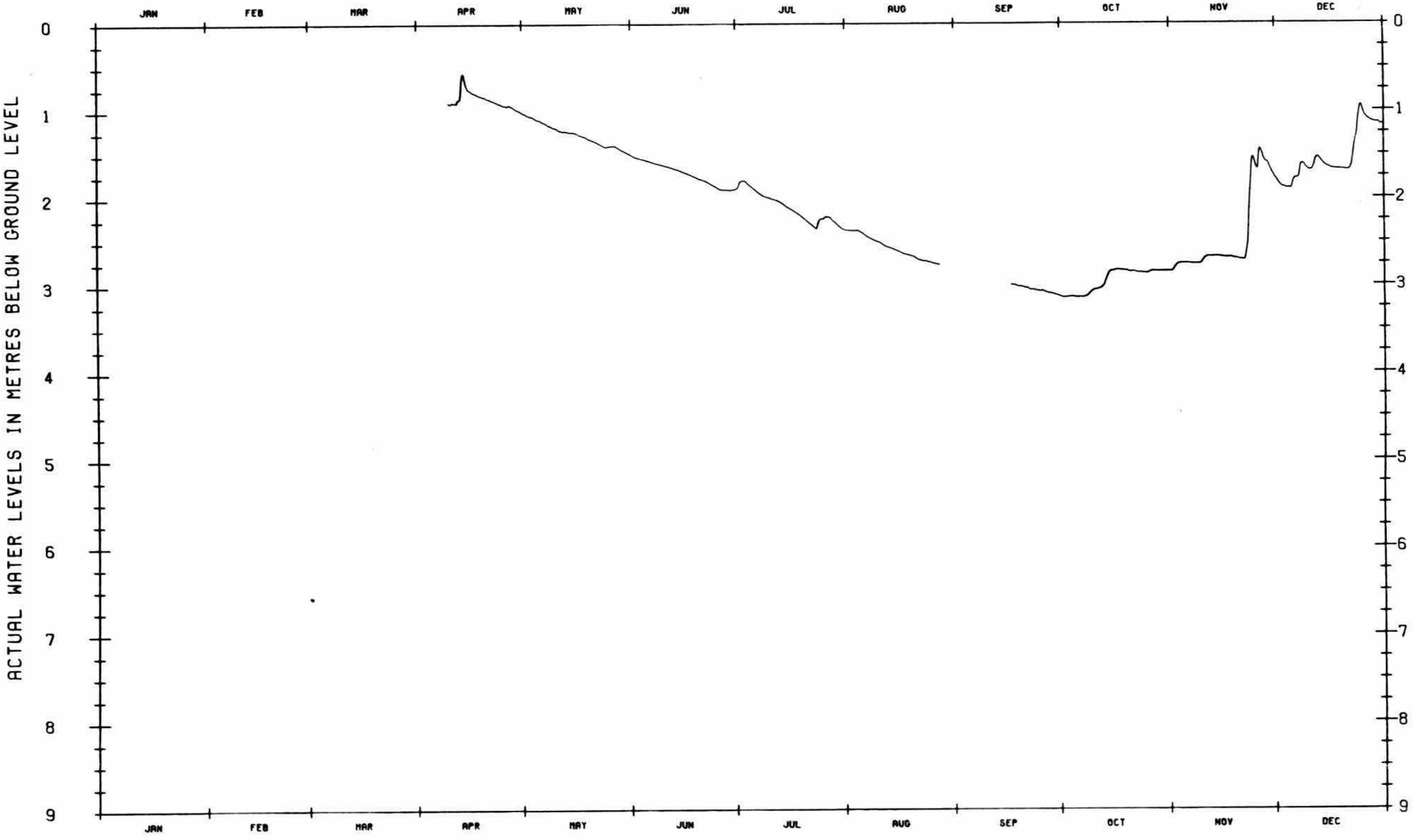
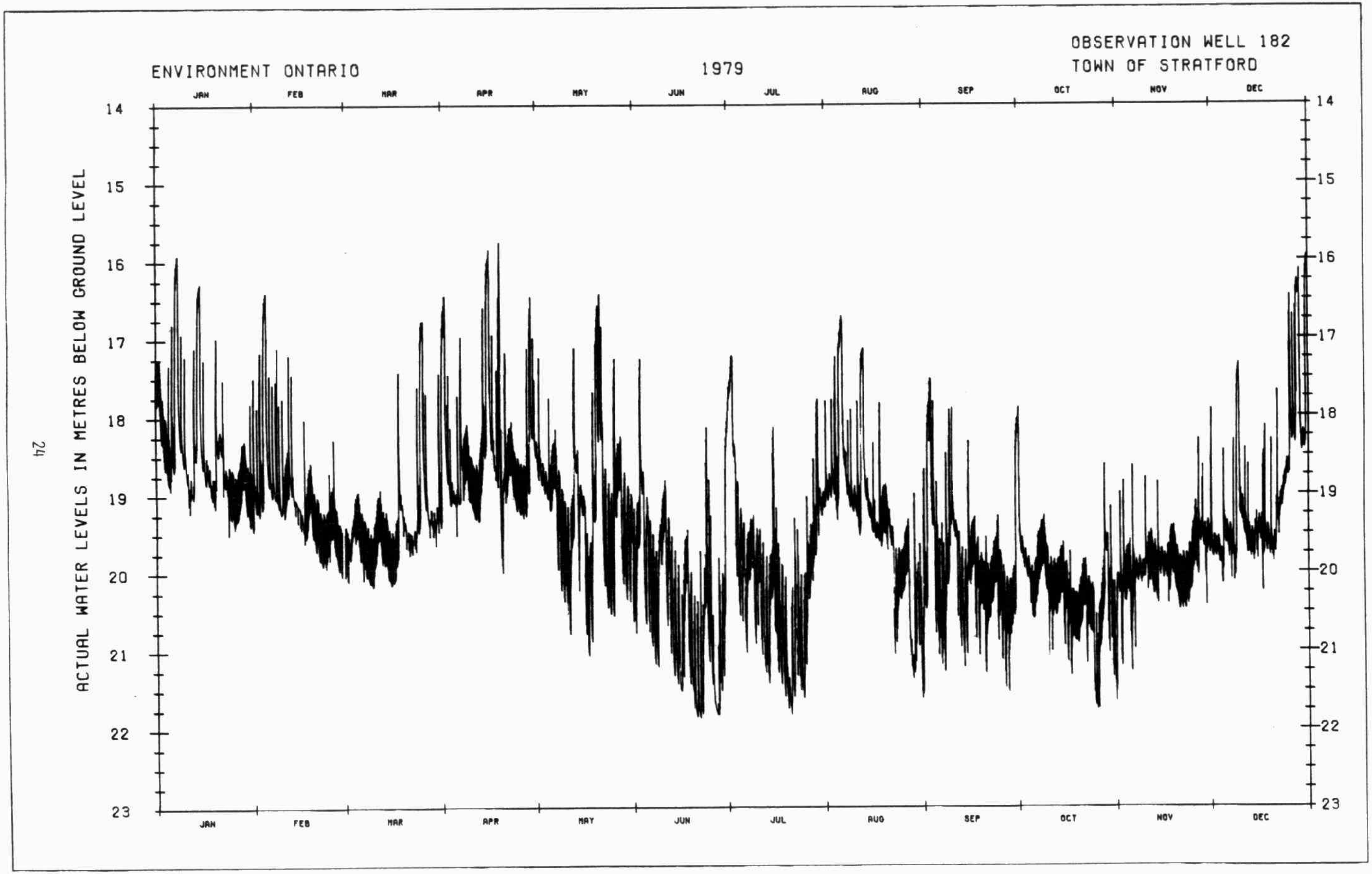
OBSERVATION WELL 045
TOWNSHIP OF BLANSHARD

ENVIRONMENT ONTARIO

1979




ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 182
TOWN OF STRATFORD
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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West Central Region

(2)

Ministry
of the
Environment
Ontario

OBSERVATION WELL DATA

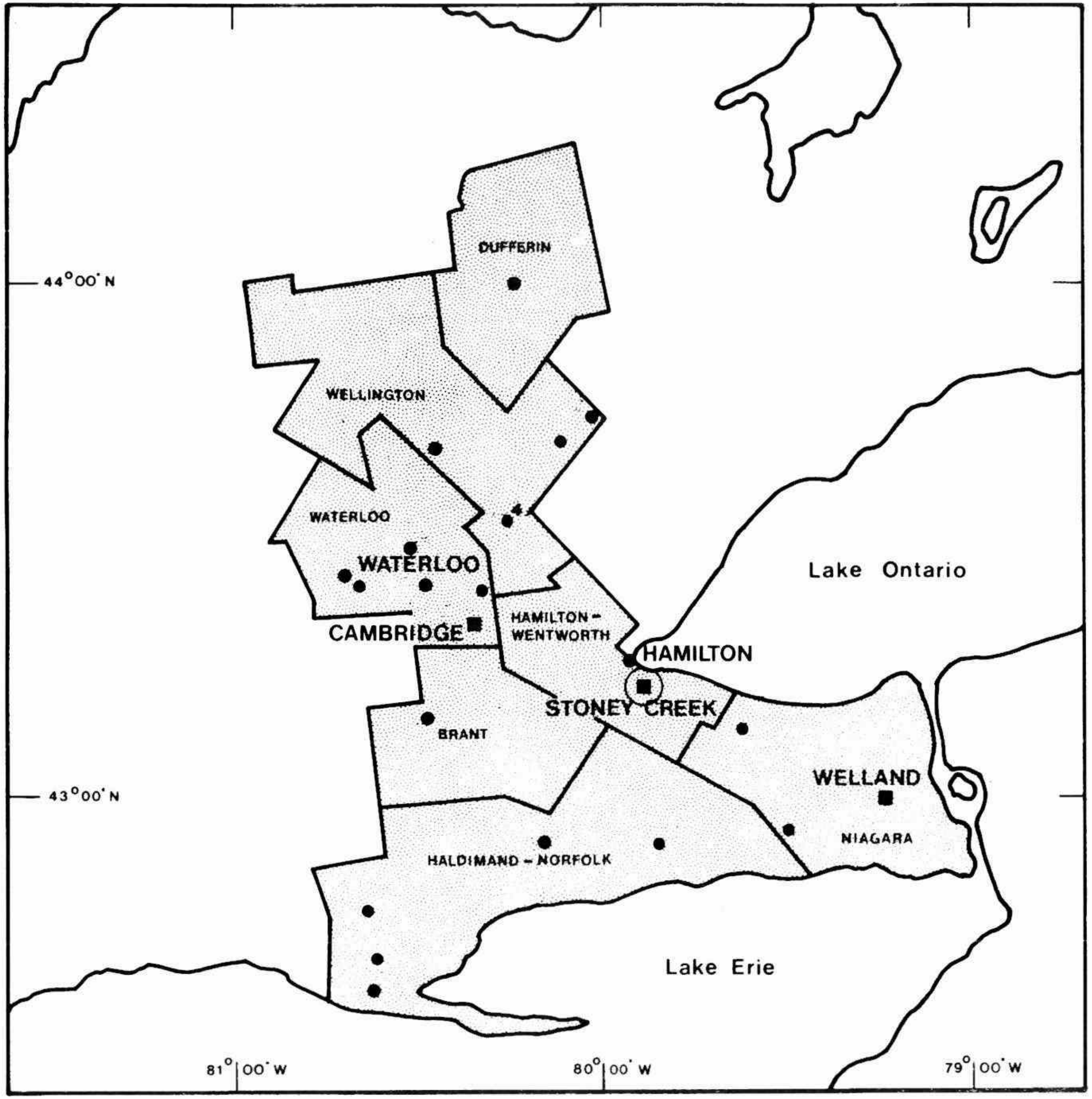
REGIONAL OFFICE

STONEY CREEK
140 Centennial Pkwy. N.
416-561-7410

DISTRICT OFFICES

Welland
637-641 Niagara St. N.
416-735-0431

Cambridge
400 Clyde Road
P.O. Box 219
519-623-2080



OBSERVATION WELL DISTRIBUTION

LEGEND

Regional Office	⊡
District Office	■
Recording Observation Well	●
Number of Recording Wells in same location	●2
Manually Measured Well	▲
Number of Manually Measured Wells in same location	▲2

ENVIRONMENT ONTARIO
TORONTO
BRANT COUNTY

OBSERVATION WELL 124

TOWNSHIP OF BRANTFORD
CONC. 1 LOT 2

WELL REC #: 1301823
UTM CO-ORD: Z-17 E546800 N4779250
LAT & LONG: 43-10NORTH 80-25WEST

REC METHOD: A-35 RECORDER
REC COMMCD: JAN. 20 1965
MEASURE PT: 1.5 METRES ABOVE GROUND SURFACE
GND ELEV: 259 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: GREY GRAVEL WITH COARSE SAND AND COBBLES 9.8.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 9.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.8 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							6.83	7.03	6.97	7.13	7.23	7.13	1
2							6.84	7.02	6.98	7.13	7.23	7.11	2
3							6.84	7.02	6.99	7.14	7.24	7.10	3
4							6.86	7.02	7.00	7.14	7.24	7.08	4
5							6.85	7.01	7.00	7.15	7.24	7.07	5
6							6.86	7.02	7.01	7.15	7.24	7.07	6
7							6.87	7.03	7.01	7.16	7.24	7.06	7
8						6.36	6.87	6.99	7.02	7.17	7.24	7.06	8
9						6.40	6.88	6.96	7.03	7.17	7.25	7.06	9
10						6.43	6.88	6.95	7.03	7.17	7.25	7.05	10
11						6.46	6.89	6.95	7.04	7.17	7.25	7.05	11
12						6.50	6.90	6.95	7.04	7.18	7.25	7.05	12
13						6.54	6.90	6.95	7.05	7.18	7.24	7.05	13
14						6.57	6.91	6.96	7.05	7.19	7.24	7.06	14
15						6.60	6.92	6.97	7.05	7.19	7.24	7.05	15
16						6.64	6.93	6.97	7.06	7.19	7.24	7.06	16
17						6.67	6.93	6.98	7.06	7.20	7.23	7.07	17
18						6.70	6.94	6.99	7.06	7.20	7.23	7.07	18
19						6.74	6.95	7.00	7.07	7.20	7.24	7.08	19
20						6.75	6.95	7.00	7.07	7.20	7.24	7.08	20
21						6.76	6.96	7.01	7.08	7.21	7.24	7.08	21
22						6.76	6.97	7.02	7.08	7.21	7.24	7.09	22
23						6.77	6.97	7.02	7.09	7.21	7.24	7.08	23
24						6.78	6.98	7.00	7.09	7.21	7.24	7.06	24
25						6.79	6.99	6.97	7.10	7.22	7.23	7.04	25
26						6.80	6.99	6.96	7.10	7.22	7.22	6.99	26
27						6.81	7.00	6.96	7.11	7.22	7.21	6.92	27
28						6.81	7.01	6.96	7.11	7.22	7.19	6.85	28
29						6.82	7.02	6.96	7.12	7.22	7.17	6.80	29
30						6.83	7.03	6.96	7.12	7.23	7.14	6.77	30
31							7.03	6.97		7.23		6.75	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN							6.93	6.99	7.05	7.19	7.23	7.03	MEAN
INST MAX							6.83 (1)	6.94 (11)	6.97 (1)	7.12 (1)	7.13 (30)	6.74 (31)	INST MAX
INST MIN							7.04 (31)	7.03 (2)	7.12 (30)	7.23 (31)	7.25 (11)	7.13 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
DUFFERIN COUNTY

OBSERVATION WELL 046

TOWNSHIP OF LUTHER
CONC. 4 LOT 29

WELL REC #: 1701297
UTM CO-ORD: Z-17 E553920 N4862120
LAT & LONG: 43-55NORTH 80-20WEST

REC METHOD: A-35 RECORDER
REC COMMCD: NOV. 27 1953
MEASURE PT: 0.3 METRES ABOVE GROUND SURFACE
GND ELEV: 473 METRES ABOVE SEA LEVEL
WELL TYPE: DUG, DRILLED
WELL LOG: GRAVELY, STONEY CLAY 6.1; GRAVEL SAND AND CLAY 10.7.

DIAMETER OF WELL: 122 CM, 5 CM
LENGTH OF CASING: 6.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 10.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND AND CLAY
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											2.72	1.89	1
2											2.71	1.88	2
3										2.44	2.71	1.85	3
4										2.46	2.72	1.83	4
5										2.47	2.73	1.80	5
6										2.48	2.73	1.78	6
7										2.49	2.74	1.75	7
8										2.50	2.74	1.72	8
9										2.51	2.74	1.69	9
10										2.52	2.74	1.66	10
11										2.53	2.72	1.63	11
12										2.54	2.72	1.52	12
13										2.55	2.72	1.43	13
14										2.57	2.72	1.41	14
15										2.58	2.73	1.39	15
16										2.59	2.74	1.37	16
17										2.60	2.74	1.38	17
18										2.61	2.74	1.36	18
19										2.62	2.74	1.35	19
20										2.63	2.75	1.37	20
21										2.63	2.75	1.36	21
22										2.63	2.74	1.35	22
23										2.64	2.66	1.33	23
24										2.65	2.45	1.18	24
25										2.66	2.35	0.94	25
26										2.67	2.20	0.93	26
27										2.68	2.06	0.91	27
28										2.68	2.01	0.89	28
29										2.69	1.96	0.85	29
30										2.70	1.92	0.82	30
31										2.71		0.79	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN											2.59	1.40	MEAN
INST MAX											1.90 (30)	0.78 (31)	INST MAX
INST MIN											2.75 (21)	1.90 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
R. M. OF HALDIMAND - NORFOLK

OBSERVATION WELL 413

TOWNSHIP OF MIDDLETON   STR 4   LOT 23

WELL REC #: 4400966
UTM CO-ORD: Z-17 E533400 N4738050
LAT & LONG: 42-48NORTH 80-36WEST

REC METHOD: A35 RECORDER
REC COMMCD: FEB 1966
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 232 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK LOAM 0.6; MEDIUM SAND 6.1; QUICKSAND 10.7; BLUE CLAY 11.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 10.4 METRES
LENGTH OF SCREEN: 0.6 METRES
DEPTH OF WELL: 11 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND AND CLAY
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		0.93	0.86										1
2		0.94	0.82										2
3		0.96	0.75										3
4		0.97											4
5		0.99											5
6	0.71	1.01											6
7	0.74	1.03											7
8	0.77	1.05											8
9	0.80	1.08											9
10	0.83	1.10											10
11	0.86	1.12											11
12	0.88	1.13											12
13	0.90	1.15											13
14	0.85	1.17											14
15	0.80	1.18											15
16	0.81	1.20											16
17	0.83	1.23											17
18	0.87	1.24											18
19	0.90	1.25											19
20	0.91	1.26											20
21	0.92	1.27											21
22	0.95	1.27											22
23	0.98	1.24											23
24	0.97	1.05											24
25	0.91	0.89											25
26	0.89	0.84											26
27	0.89	0.84											27
28	0.89	0.85											28
29	0.90												29
30	0.91												30
31	0.92												31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		1.08											MEAN
INST MAX		0.83 (27)											INST MAX
INST MIN		1.27 (22)											INST MIN

ENVIRONMENT ONTARIO
TORONTO
R. M. OF HALDIMAND - NORFOLK

OBSERVATION WELL 064

TOWNSHIP OF N. CAYUGA   JT   LOT 23

WELL REC #: 2600272
UTM CO-ORD: Z-17 E592905 N4750410
LAT & LONG: 43-54NORTH 79-52WEST

REC METHOD: A35 RECORDER
REC COMMCD: APR 15 1954
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 204 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: CLAY 6.4; LIMESTONE 30.5.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 6.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 30.5 METRES

PUMP RATE: 0.4 L/S
SPEC. CAP: 0.001 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		6.17	6.34	6.29	5.84	6.28	6.75	7.11	7.36	7.26	6.96		1
2		6.23	6.35	6.26	5.89	6.30	6.76	7.08	7.34	7.22			2
3		6.24	6.36	6.23	5.90	6.31	6.80	7.09	7.34	7.22			3
4		6.21	6.32	6.25	5.85	6.30	6.81	7.11	7.37	7.23			4
5		6.23	6.31	6.16	5.87	6.31	6.84	7.13	7.38	7.22			5
6		6.26	6.33	6.12	5.89	6.35	6.89	7.16	7.34	7.18			6
7		6.22	6.32	6.15	5.89	6.38	6.92	7.18	7.35	7.16			7
8		6.23	6.33	6.15	5.90	6.42	6.94	7.17	7.41	7.22			8
9		6.28	6.35	6.06	5.92	6.45	6.92	7.18	7.44	7.22			9
10		6.29	6.35	6.05	5.47	6.43	6.92	7.13	7.42	7.23			10
11		6.34	6.34	6.08	5.95	6.43	6.92	7.15	7.43	7.19			11
12		6.33	6.35	6.07	5.97	6.50	6.92	7.20	7.45	7.12			12
13		6.34	6.37	6.02	5.99	6.56	6.93	7.21	7.43	7.13			13
14		6.34	6.31	5.96	6.01	6.57	6.93	7.20	7.36	7.19			14
15		6.31	6.37	5.92	6.03	6.55	6.95	7.25	7.36	7.18			15
16		6.33	6.41	5.92	6.06	6.57	7.00	7.29	7.38	7.16			16
17		6.44	6.41	5.93	6.09	6.58	7.05	7.30	7.37	7.16			17
18		6.45	6.41	5.94	6.09	6.64	7.07	7.26	7.31	7.16			18
19		6.36	6.39	5.94	6.07	6.73	7.09	7.26	7.30	7.13			19
20		6.34	6.38	5.94	6.06	6.76	7.10	7.29	7.31	7.08			20
21		6.30	6.37	5.92	6.09	6.75	7.10	7.31	7.27	7.05			21
22		6.34	6.37	5.91	6.16	6.72	7.10	7.32	7.27	7.04			22
23		6.33	6.33	5.91	6.17	6.74	7.11	7.31	7.32	6.97			23
24		6.31	6.25	5.90	6.17	6.78	7.11	7.30	7.33	6.97			24
25		6.33	6.22	5.87	6.16	6.83	7.10	7.32	7.30	6.98			25
26		6.30	6.26	5.83	6.14	6.85	7.06	7.34	7.30	7.01			26
27		6.29	6.32	5.79	6.15	6.85	7.07	7.35	7.30	7.02			27
28		6.33	6.37	5.78	6.19	6.84	7.08	7.33	7.27	6.95			28
29			6.34	5.81	6.22	6.83	7.09	7.30	7.27	6.96			29
30			6.33	5.83	6.25	6.78	7.11	7.31	7.29	7.02			30
31	6.16		6.30		6.28		7.10	7.35		7.01			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		6.30	6.34	6.00	6.02	6.58	6.99	7.24	7.35	7.12			MEAN
INST MAX		6.15 (1)	6.22 (25)	5.77 (27)	-9.35 (10)	6.28 (1)	6.74 (2)	7.07 (2)	7.25 (29)	6.94 (28)			INST MAX
INST MIN		6.47 (18)	6.42 (18)	6.30 (1)	6.28 (31)	6.86 (26)	7.12 (24)	7.36 (31)	7.45 (12)	7.28 (1)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
R.M. OF HALDIMAND-NORFOLK

OBSERVATION WELL 138

TOWNSHIP OF S. WALSINGHAM　CONC 4　LOT 13

WELL REC #: 4401235
UTM CO-ORD: Z-17 E540150 N4722800
LAT & LONG: 42-39NORTH 80-31WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 20 1965
MEASURE PT: 0.7 METRES ABOVE GROUND SURFACE
GND ELEV: 207 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; YELLOW SAND 1.2; BROWN SAND 4.9; DRY GREY SAND 5.5; COARSE BROWN SAND 7.3; FINE GREY SAND 9.8; MEDIUM DARK SAND 14.3.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 12.4 METRES
LENGTH OF SCREEN: SLOTTED PIPE
DEPTH OF WELL: 12.4 METRES

PUMP RATE: 0.5 L/S
SPEC. CAP: N.A.
AQUIFER : MEDIUM SAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.16	3.06	3.13	2.92	2.60	2.71	2.90	3.05	3.38	3.52			1
2	3.14	3.06	3.13	2.92	2.60	2.72	2.91	3.06	3.39	3.52			2
3	3.14	3.06	3.13	2.92	2.60	2.73	2.91	3.08	3.39	3.52			3
4	3.13	3.06	3.12	2.92	2.60	2.73	2.92	3.09	3.40	3.51			4
5	3.13	3.06	3.08	2.91	2.60	2.74	2.92	3.10	3.41	3.52			5
6	3.12	3.07	3.05	2.90	2.60	2.74	2.93	3.11	3.41	3.51			6
7	3.11	3.07	3.03	2.89	2.60	2.74	2.93	3.12	3.42	3.52			7
8	3.10	3.08	3.01	2.88	2.60	2.75	2.98	3.13	3.43	3.52			8
9	3.10	3.09	3.00	2.86	2.61	2.75	3.00	3.15	3.44	3.52			9
10	3.10	3.09	2.99	2.85	2.61	2.76	3.01	3.16	3.45	3.52			10
11	3.09	3.11	2.98	2.85	2.61	2.77	3.01	3.17	3.45	3.52			11
12	3.09	3.11	2.97	2.83	2.62	2.77	3.02	3.19	3.46	3.52			12
13	3.08	3.12	2.96	2.82	2.63	2.78	3.02	3.24	3.46	3.53			13
14	3.08	3.12	2.95	2.81	2.64	2.82	3.02	3.27	3.47	3.54			14
15	3.08	3.13	2.95	2.79	2.65	2.84	3.02	3.28	3.47	3.57			15
16	3.08	3.13	2.94	2.77	2.66	2.85	3.02	3.29	3.47	3.58			16
17	3.07	3.15	2.94	2.76	2.67	2.86	3.02	3.30	3.48	3.59			17
18	3.07	3.15	2.94	2.74	2.68	2.86	3.02	3.30	3.48	3.59			18
19	3.07	3.15	2.93	2.72	2.68	2.87	3.02	3.31	3.48	3.59			19
20	3.07	3.16	2.93	2.70	2.68	2.87	3.02	3.31	3.48	3.59			20
21	3.06	3.16	2.92	2.69	2.69	2.87	3.02	3.32	3.48	3.60			21
22	3.06	3.16	2.92	2.67	2.70	2.87	3.02	3.33	3.48				22
23	3.07	3.17	2.92	2.66	2.70	2.87	3.03	3.33	3.48				23
24	3.06	3.17	2.92	2.65	2.70	2.87	3.03	3.34	3.50				24
25	3.06	3.15	2.92	2.64	2.70	2.87	3.03	3.34	3.51				25
26	3.06	3.14	2.91	2.63	2.70	2.88	3.03	3.34	3.51				26
27	3.06	3.13	2.91	2.62	2.70	2.89	3.03	3.35	3.52				27
28	3.06	3.13	2.92	2.62	2.70	2.89	3.03	3.35	3.52				28
29	3.06		2.92	2.62	2.70	2.90	3.03	3.35	3.52				29
30	3.06		2.92	2.61	2.71	2.90	3.03	3.35	3.52				30
31	3.06		2.92		2.71		3.04	3.37					31
					-MONTHLY SUMMARY-								
MEAN	3.09	3.12	2.98	2.77	2.65	2.82	3.00	3.24	3.46				MEAN
INST	3.06	3.06	2.91	2.61	2.60	2.71	2.90	3.04	3.38				INST
MAX	(28)	(3)	(27)	(30)	(3)	(1)	(1)	(1)	(1)				MAX
INST	3.17	3.17	3.14	2.92	2.71	2.90	3.04	3.38	3.52				INST
MIN	(1)	(24)	(3)	(1)	(31)	(30)	(31)	(31)	(30)				MIN

ENVIRONMENT ONTARIO
TORONTO
R. M. OF HALDIMAND - NORFOLK

OBSERVATION WELL 408

TOWNSHIP OF S. WALSINGHAM　CONC. 4　LOT 5

WELL REC #: 4401230
UTM CO-ORD: Z-17 E535300 N4721000
LAT & LONG: 42-39NORTH 80-34WEST

REC METHOD: A35 RECORDER
REC COMMCD: NOV. 1965
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 207 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SAND 6.4; SILTY CLAY 7.9.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 6.1 METRES
LENGTH OF SCREEN: 1.2 METRES
DEPTH OF WELL: 7.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SILTY CLAY
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						2.34	2.56	2.80	2.98	3.12			1
2						2.35	2.57	2.80	2.98	3.12			2
3						2.36	2.57	2.81	2.98	3.12			3
4						2.37	2.58	2.81	2.99	3.13			4
5						2.37	2.59	2.82	2.99	3.13			5
6						2.39	2.60	2.82	3.00	3.13			6
7						2.39	2.61	2.83	3.00	3.13			7
8						2.40	2.62	2.83	3.01	3.13			8
9						2.40	2.62	2.84	3.01	3.14			9
10						2.41	2.63	2.85	3.02	3.14			10
11						2.41	2.63	2.86	3.03	3.15			11
12						2.42	2.64	2.86	3.03	3.15			12
13						2.43	2.65	2.87	3.03	3.15			13
14						2.44	2.66	2.87	3.04	3.16			14
15						2.45	2.66	2.88	3.05	3.16			15
16						2.46	2.67	2.89	3.06	3.17			16
17						2.46	2.68	2.90	3.06	3.17			17
18						2.48	2.69	2.90	3.06	3.17			18
19					2.26	2.48	2.69	2.91	3.07	3.18			19
20					2.27	2.49	2.70	2.92	3.07	3.18			20
21					2.28	2.50	2.72	2.92	3.07	3.18			21
22					2.29	2.51	2.73	2.93	3.08	3.19			22
23					2.30	2.52	2.75	2.94	3.09	3.19			23
24					2.31	2.52	2.75	2.94	3.09	3.19			24
25					2.32	2.52	2.76	2.95	3.09	3.19			25
26					2.31	2.54	2.77	2.95	3.10				26
27					2.31	2.55	2.77	2.96	3.10				27
28					2.31	2.56	2.77	2.97	3.10				28
29					2.31	2.56	2.78	2.97	3.11				29
30					2.32	2.56	2.79	2.97	3.11				30
31					2.33		2.79	2.98					31
					-MONTHLY SUMMARY-								
MEAN						2.45	2.68	2.89	3.05				MEAN
INST						2.34	2.56	2.80	2.98				INST
MAX						(1)	(1)	(1)	(1)				MAX
INST						2.56	2.80	2.98	3.12				INST
MIN						(30)	(31)	(31)	(30)				MIN

ENVIRONMENT ONTARIO
TORONTO
R. M. OF HALDIMAND-NORFOLK

OBSERVATION WELL 545

TOWNSHIP OF TOWNSEND
CONC. 11 LOT 21

WELL REC #: 4404036
UTM CO-ORD: Z-17 E567485 N4750580
LAT & LONG: 42-54NORTH 80-11WEST

REC METHOD: A-35 RECORDER
REC COMMCD: NOV. 22 1978
MEASURE PT: 0.2 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: CLAY OVERBURDEN 9.8.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 9.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.8 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : CLAY OVERBURDEN
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.98	1.23	1.41	0.46	0.62	0.96	2.42	3.40	4.12	4.41			1
2	1.71	1.21	1.37	0.38	0.65	1.00	2.46	3.43	4.15	4.41			2
3	1.59	1.19	1.31	0.42	0.58	1.05	2.49	3.48	4.17	4.41			3
4	1.55	1.18	1.03	0.43	0.54	1.10	2.52	3.51	4.19	4.41			4
5	1.53	1.18	0.60	0.37	0.59	1.16	2.55	3.55	4.21	4.42			5
6	1.54	1.19	0.50	0.39	0.61	1.21	2.58	3.58	4.24	4.42			6
7	1.55	1.20	0.51	0.49	0.64	1.27	2.61	3.60	4.26	4.42			7
8	1.55	1.23	0.51	0.52	0.66	1.33	2.64	3.63	4.28	4.42			8
9	1.56	1.26	0.52	0.51	0.69	1.39	2.68	3.65	4.31	4.41			9
10	1.57	1.28	0.46	0.50	0.72	1.44	2.69	3.68	4.34	4.39			10
11	1.58	1.29		0.43	0.74	1.49	2.71	3.70	4.37	4.36			11
12	1.59	1.29		0.38	0.75	1.55	2.74	3.73	4.39	4.32			12
13	1.60			0.36	0.56	1.61	2.76	3.75	4.41	4.28			13
14	1.59		0.46	0.31	0.62	1.67	2.79	3.76	4.43	4.24			14
15	1.58		0.52	0.40	0.58	1.72	2.82	3.78	4.45	4.20			15
16	1.57			0.43	0.58	1.77	2.85	3.80	4.47	4.16			16
17	1.57			0.47	0.65	1.83	2.88	3.81	4.49	4.11			17
18	1.57		0.52	0.50	0.71	1.87	2.92	3.83	4.49	4.07			18
19	1.57		0.52	0.53	0.75	1.93	2.95	3.85	4.48	4.02			19
20	1.57		0.52	0.55	0.79	1.99	2.98	3.86	4.46	3.96			20
21	1.57		0.53	0.57	0.82	2.04	3.01	3.88	4.45	3.92			21
22	1.57	1.68	0.52	0.57	0.86	2.09	3.05	3.90	4.43	3.87			22
23	1.59	1.68	0.50	0.60	0.89	2.14	3.08	3.92	4.43	3.82			23
24	1.59	1.62	0.46	0.61	0.92	2.18	3.12	3.94	4.42	3.78			24
25	1.54	1.56	0.43	0.62	0.94	2.23	3.16	3.97	4.42				25
26	1.49	1.50	0.50	0.59	0.78	2.27	3.20	3.99	4.41				26
27	1.44	1.46	0.56	0.47	0.78	2.31	3.23	4.01	4.41				27
28	1.38	1.44	0.56	0.52	0.82	2.34	3.26	4.03	4.41				28
29	1.34		0.50	0.56	0.85	2.37	3.30	4.05	4.40				29
30	1.30		0.39	0.59	0.89	2.40	3.33	4.07	4.40				30
31	1.26		0.42		0.92		3.37	4.10					31
						-MONTHLY SUMMARY-							
MEAN	1.55			0.48	0.73	1.72	2.88	3.78	4.36				MEAN
INST MAX	1.24 (31)			0.26 (14)	0.51 (3)	0.94 (1)	2.41 (1)	3.38 (1)	4.11 (1)				INST MAX
INST MIN	2.17 (1)			0.63 (26)	0.95 (25)	2.41 (30)	3.38 (31)	4.11 (31)	4.49 (17)				INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF NIAGARA

OBSERVATION WELL 399

TOWNSHIP OF N. GRIMSBY
CONC. 5 LOT 12

WELL REC #: 3802296
UTM CO-ORD: Z-17 E614640 N4779880
LAT & LONG: 43-10NORTH 79-35WEST

REC METHOD: A35 RECORDER
REC COMMCD: NOV 18 1969
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 112 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SOFT BROWN CLAY, STONES 3.1; SOFT GREY CLAY, STONES 11.6; HARD, DENSE WHITE DOLOMITE 14.3.

DIAMETER OF WELL: 15 CM 13.4
LENGTH OF CASING: METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 14.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : DOLOMITE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.52	0.56	0.60	0.47	0.39	0.43	0.65	1.21	1.40	1.47	1.50	1.26	1
2	0.51	0.59	0.61	0.42	0.41	0.43	0.66	1.18	1.40	1.47	1.50	1.25	2
3	0.53	0.58	0.60	0.43	0.39	0.43	0.68	1.18	1.40	1.47	1.50	1.26	3
4	0.54	0.57	0.55	0.41	0.39	0.44	0.69	1.18	1.41	1.48	1.51	1.20	4
5	0.55	0.58	0.57	0.37	0.40	0.43	0.71	1.18	1.42	1.48	1.53	1.17	5
6	0.53	0.59	0.57	0.29	0.40	0.44	0.76	1.17	1.41	1.46	1.52	1.12	6
7	0.52	0.56	0.58	0.25	0.40	0.45	0.76	1.19	1.40	1.45	1.51	1.11	7
8	0.52	0.58	0.58	0.26	0.40	0.46	0.79	1.21	1.42	1.47	1.51	1.10	8
9	0.53	0.60	0.59	0.30	0.41	0.48	0.81	1.25	1.43	1.47	1.50	1.13	9
10	0.55	0.60	0.57	0.28	0.41	0.49	0.82	1.25	1.44	1.48	1.47	1.10	10
11	0.57	0.63	0.57	0.26	0.42	0.50	0.80	1.27	1.43	1.48	1.50	1.06	11
12	0.56	0.63	0.59	0.28	0.43	0.51	0.81	1.29	1.45	1.46	1.51	1.05	12
13	0.54	0.63	0.58	0.31	0.43	0.52	0.85	1.31	1.45	1.45	1.50	1.06	13
14	0.51	0.63	0.55	0.34	0.44	0.53	0.85	1.31	1.43	1.48	1.48	1.04	14
15	0.57	0.62	0.60	0.33	0.44	0.56	0.89	1.32	1.40	1.49	1.47	1.04	15
16	0.58	0.62	0.61	0.32	0.45	0.57	0.92	1.33	1.41	1.49	1.46	1.00	16
17	0.56	0.63	0.61	0.32	0.46	0.65	0.94	1.35	1.42	1.50	1.46	1.00	17
18	0.58	0.63	0.61	0.33	0.45	0.63	0.98	1.36	1.41	1.50	1.45	1.00	18
19	0.60	0.64	0.60	0.33	0.44	0.66	1.02	1.37	1.40	1.51	1.46	0.98	19
20	0.56	0.65	0.58	0.34	0.44	0.68	1.05	1.42	1.42	1.49	1.45	0.98	20
21	0.53	0.63	0.58	0.35	0.44	0.68	1.10	1.46	1.41	1.48	1.46	0.99	21
22	0.57	0.64	0.56	0.36	0.46	0.66	1.14	1.48	1.41	1.48	1.44	0.96	22
23	0.60	0.63	0.53	0.37	0.46	0.65	1.18	1.49	1.43	1.47	1.42	0.91	23
24	0.55	0.60	0.50	0.37	0.46	0.67	1.20	1.47	1.46	1.46	1.41	0.86	24
25	0.54	0.60	0.51	0.37	0.45	0.72	1.22	1.46	1.45	1.46	1.41	0.74	25
26	0.57	0.58	0.53	0.36	0.42	0.76	1.20	1.46	1.46	1.49	1.35	0.68	26
27	0.56	0.59	0.55	0.35	0.42	0.77	1.19	1.45	1.49	1.50	1.31	0.70	27
28	0.55	0.60	0.54	0.37	0.43	0.75	1.16	1.43	1.48	1.48	1.29		28
29	0.56		0.52	0.39	0.43	0.73	1.16	1.40	1.46	1.48	1.27		29
30	0.57		0.49	0.39	0.43	0.69	1.20	1.39	1.47	1.50	1.26		30
31	0.56		0.47		0.43		1.21	1.40		1.51			31
						-MONTHLY SUMMARY-							
MEAN	0.55	0.61	0.56	0.34	0.43	0.58	0.95	1.33	1.43	1.48	1.45		MEAN
INST MAX	0.49 (14)	0.55 (7)	0.46 (31)	0.25 (8)	0.38 (3)	0.43 (2)	0.65 (2)	1.16 (6)	1.39 (14)	1.45 (7)	1.25 (30)		INST MAX
INST MIN	0.61 (18)	0.66 (23)	0.63 (17)	0.47 (1)	0.47 (22)	0.80 (27)	1.26 (24)	1.50 (23)	1.55 (27)	1.52 (31)	1.54 (5)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF NIAGARA TOWNSHIP OF WAINFLEET CONC. 5 LOT 37

OBSERVATION WELL 22B

WELL REC #: 6602409
UTM CO-ORD: Z-17 E624861 N4755444
LAT & LONG: 42-57NORTH 79-28WEST

REC METHOD: A35 RECORDER
REC COMMCD: FEB 26 1969
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 177 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN CLAY 1.5: BLUE CLAY 14.6: REDDISH CLAY 21.3: CLAY AND GRAVEL 33.6: SALINA LIMESTONE 53.4.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 33.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 53.4 METRES

PUMP RATE: 3 L/S
SPEC. CAP: 0.015 L/S/M
AQUIFER : LIMESTONE
QUALITY : MINERAL

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.58	2.41	2.44	2.37	2.35								1
2	2.56	2.43	2.44	2.34	2.37								2
3	2.57	2.43	2.43	2.33	2.36								3
4	2.58	2.42	2.36	2.34	2.34								4
5	2.59	2.42	2.34	2.28	2.35								5
6	2.58	2.43	2.35	2.26	2.35								6
7	2.56	2.42	2.36	2.30	2.35								7
8	2.56	2.42	2.36	2.30	2.36								8
9	2.56	2.45	2.38	2.26	2.37								9
10	2.57	2.47	2.37	2.27	2.38								10
11	2.58	2.49	2.37	2.30	2.38								11
12	2.59	2.49	2.38	2.29	2.38								12
13	2.57	2.49	2.38	2.24	2.38								13
14	2.50	2.49	2.34	2.20	2.38								14
15	2.54	2.49	2.38	2.20	2.38								15
16	2.55	2.52	2.38	2.23	2.38								16
17	2.53	2.57	2.38	2.25									17
18	2.53	2.58	2.39	2.27									18
19	2.55	2.56	2.39	2.28									19
20	2.52	2.56	2.38	2.29									20
21	2.46	2.54	2.38	2.30									21
22	2.46	2.54	2.38	2.31									22
23	2.51	2.53	2.36	2.34									23
24	2.48	2.51	2.33	2.34									24
25	2.42	2.50	2.32	2.35									25
26	2.44	2.46	2.35	2.36									26
27	2.44	2.45	2.40	2.33									27
28	2.42	2.45	2.42	2.33									28
29	2.41		2.39	2.34									29
30	2.42		2.38	2.35									30
31	2.42		2.36										31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	2.52	2.48	2.38	2.30									MEAN
INST MAX	2.41 (31)	2.41 (1)	2.32 (24)	2.19 (14)									INST MAX
INST MIN	2.63 (1)	2.58 (18)	2.45 (1)	2.37 (2)									INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF WATERLOO TOWN OF ELMIRA CONC. - LOT -

OBSERVATION WELL 033

WELL REC #: 6503536
UTM CO-ORD: Z-17 E535505 N4827750
LAT & LONG: 43-27NORTH 80-34WEST

REC METHOD: A35 RECORDER
REC COMMCD: NOV 30 1946
MEASURE PT: 1.0 METRES ABOVE GROUND SURFACE
GND ELEV: 355 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SAND AND GRAVEL OVERBURDEN 18.3.

DIAMETER OF WELL: 51 CM
LENGTH OF CASING: 15.3 METRES
LENGTH OF SCREEN: 2.7 METRES
DEPTH OF WELL: 18 METRES

PUMP RATE: 37 L/S
SPEC. CAP: 0.23 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						4.59	4.64	5.11	5.62				1
2						4.47	4.58	5.20	5.32				2
3						4.30	4.62	5.03	5.23				3
4						4.49	4.84	4.89					4
5						4.28	5.09	4.81					5
6						4.27	5.21	4.96					6
7						4.34	5.18						7
8						4.33	5.17						8
9						4.22	5.35	4.61					9
10						4.09	5.22	4.43					10
11						4.23	5.27						11
12				5.04		4.25	5.45						12
13				4.32		4.34	5.70						13
14				4.09		4.50	5.53	4.41					14
15				3.94		4.70	5.38	4.86					15
16				4.25		4.50	5.54	4.91					16
17				4.60		4.40	5.53	4.99					17
18				4.62		4.79	5.59	4.98					18
19				4.75		5.25	5.70	5.00					19
20				4.88		5.37	5.93	5.12					20
21				4.64		5.16	5.86	5.38					21
22				4.39		5.29	5.74	5.48					22
23				4.05		5.02	5.72	5.44					23
24				4.76		4.95	5.91	5.53					24
25				4.52		5.24	5.87	5.41					25
26				4.17		5.50	5.69	5.34					26
27				4.13		5.36	5.39	5.55					27
28				4.00		5.08	5.18	5.64					28
29						5.13	5.04	5.75					29
30					4.48	4.80	4.98	5.82					30
31					4.60		5.04	5.86					31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN						4.71	5.35						MEAN
INST MAX						3.89 (11)	4.36 (3)						INST MAX
INST MIN						5.78 (27)	6.17 (22)						INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF WATERLOO CITY OF KITCHENER CONC. - LOT -

OBSERVATION WELL 082

WELL REC #: 6500265
UTM CO-ORD: 2-17 E544590 N4806630
LAT & LONG: 43-25NORTH 80-27WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 10 1958
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 311 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: PREDUG 13.1; CLAY AND STONES 15.6; DRY GRAVEL 19.5; CEMENTED GRAVEL 22.6; CLAY, HARDPAN AND STONES 26.5; SANDY CLAY 27.5; BROWN CLAY 36.6; COARSE SAND 38.1; GRAVEL 38.7; UNKN 39.6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 6.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 39.6 METRES

PUMP RATE: 1.1 L/S
SPEC. CAP: 0.016 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	21.91	24.25	25.82			23.83	21.24					23.33	1
2	22.60	24.76	25.36			23.09			21.23	22.87	23.73	23.10	2
3		23.33	24.17				22.05		21.36	22.84	22.52	23.79	3
4		23.34				22.73	21.89	20.84	23.12	22.93	22.00	24.31	4
5						22.83	22.70	21.07	22.15	24.02	22.10	24.27	5
6	23.34	24.25		23.73		23.85		21.12	22.64	22.62	22.68	24.62	6
7	23.33	25.29	25.08	23.12		24.15			23.35	20.98	22.63	25.27	7
8	23.91	24.31	25.78					23.07	22.99	20.84	22.28	24.53	8
9	23.15	25.24	25.92					23.49	21.69	22.19	23.33	22.80	9
10	23.96	24.29		25.12				23.57	22.67	22.79	22.75	24.04	10
11	23.77	23.35		25.81				23.09	23.33	22.77	21.48	25.19	11
12	24.41	24.34	24.00	25.97					22.48	24.35	22.91	25.36	12
13	24.29	24.54	25.67	24.77					22.25	23.43	23.38	25.51	13
14	23.02	24.18	25.33						22.86	22.24	22.73	25.59	14
15	24.46	24.01							21.85	23.99	23.00	24.77	15
16	23.93		24.45					22.32	21.53	23.42	22.72	22.73	16
17	23.39		24.21					23.13	22.45	24.23	22.61	24.77	17
18	24.64	23.83						21.42	22.33	23.43	20.90	25.43	18
19	24.62	24.43						20.64	22.65	23.35	22.82	25.51	19
20	23.39	24.69					25.25	24.01	22.55	23.24	23.44	25.68	20
21	23.10	24.97			19.65		24.56	23.88	22.65	22.84	22.96	25.70	21
22	24.48	24.40			23.26		24.07	24.88		23.57	24.62	24.41	22
23	24.18	25.44			24.12		25.17	22.92		22.79		23.89	23
24	23.46	24.38			24.27		25.34	23.65		23.17	22.76	23.19	24
25	23.41	22.92			24.51			22.33	23.17	23.20	22.17	22.42	25
26	24.59	24.40			23.04		22.73	20.89	22.71	23.82	23.17		26
27	24.33	24.21			21.45		23.58	22.20	22.85	21.98	23.74		27
28	23.31	24.12			23.25			22.71		21.22	23.70		28
29	24.56				24.08		22.54	22.69			24.44	23.21	29
30	23.73				23.63		23.64	22.79			24.25	22.54	30
31	24.00		23.32		23.65			24.15					31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN													MEAN
INST MAX													INST MAX
INST MIN													INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF WATERLOO TOWNSHIP OF WILMOT BRN LOT 11

OBSERVATION WELL 396

WELL REC #: 6502145
UTM CO-ORD: 7-17 E530300 N4804475
LAT & LONG: 43-24NORTH 80-37WEST

REC METHOD: BROTT RECORDER
REC COMMCD: JUN 13 1973
MEASURE PT: 1.4 METRES ABOVE GROUND SURFACE
GND ELEV: 366 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN CLAY 2.4; SAND 5.2; SAND AND GRAVEL 11.6; BOULDERS, GRAVEL AND BROWN CLAY 15.6; BROWN CLAY CHANGING TO GREY COLOR 18.3; SILTY SAND WITH CLAY STREAKS 39; GRAVEL, SAND WITH BOULDERS 47.3; SAND AND FINE GRAVEL 55.5; GREY CLAY 65.9; GREY CLAY, GRAVEL 66.5; CEMENTED SAND, GRAVEL 66.5; BEDROCK 66.5.

DIAMETER OF WELL: 5 CM
LENGTH OF CASING: 43.9 METRES
LENGTH OF SCREEN: 3.4 METRES
DEPTH OF WELL: 47.3 METRES

PUMP RATE: 2 L/S
SPEC. CAP: 0.15 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						14.45	14.75	14.93	14.90				1
2						14.47	14.77	14.91	14.88				2
3						14.45	14.78	14.92	14.89				3
4						14.44	14.76	14.91	14.90				4
5						14.46	14.78	14.90	14.89				5
6						14.48	14.78	14.90	14.86				6
7						14.49	14.76	14.88	14.85				7
8						14.51	14.74	14.88	14.88				8
9						14.49	14.71	14.88	14.89				9
10						14.44	14.69	14.84	14.87				10
11						14.45	14.71	14.85	14.88				11
12						14.48	14.72	14.87	14.88				12
13						14.50	14.70	14.86	14.86				13
14						14.48	14.70	14.84	14.84				14
15						14.47	14.71	14.86	14.85				15
16						14.47	14.73	14.87	14.87				16
17						14.52	14.74	14.85	14.87				17
18						14.60	14.73	14.82	14.85				18
19						14.63	14.73	14.85	14.85				19
20						14.66	14.72	14.86	14.86				20
21						14.71	14.71	14.86					21
22						14.75	14.76	14.85					22
23						14.81	14.83	14.84					23
24						14.80	14.87	14.84					24
25						14.78	14.89	14.86					25
26						14.81	14.86	14.88					26
27						14.83	14.86	14.88					27
28						14.85	14.84	14.88					28
29						14.80	14.85	14.87					29
30					14.48	14.76	14.87	14.88					30
31					14.47		14.93	14.91					31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN						14.59	14.77	14.87					MEAN
INST MAX						14.41 (10)	14.69 (10)	14.82 (18)					INST MAX
INST MIN						14.86 (28)	14.95 (31)	14.95 (1)					INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF WATERLOO   TOWNSHIP OF WILMOT   CONC. SRS LOT 14

OBSERVATION WELL 514

WELL REC #: 6503056
UTM CO-ORD: Z-17 E527650 N4805550
LAT & LONG: 43-24NORTH 80-39WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: JANUARY 1974
MEASURE PT: 1.5 METRES ABOVE GROUND SURFACE
GND ELEV: 354 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLUE CLAY 11.6; GREY SILTY SAND 15.5.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 13.1 METRES
LENGTH OF SCREEN: 2.4 METRES
DEPTH OF WELL: 15.5 METRES

PUMP RATE: 3 L/S
SPEC. CAP: 0.076 L/S/M
AQUIFER : SILTY SAND AND CLAY
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		2.26	2.22	2.08	2.06	2.03	2.03	2.18	2.16	2.19	2.22		1
2		2.27	2.23	2.07	2.06	2.02	2.04	2.17	2.14	2.19	2.20		2
3		2.25	2.20	2.11	2.05	2.01	2.06	2.18	2.15	2.20	2.20		3
4		2.24	2.09	2.10	2.05	2.03		2.18	2.17	2.20	2.20		4
5		2.26	2.08	2.09	2.04	2.02		2.18	2.17	2.19	2.22		5
6	2.18	2.26		2.09	2.03	2.04		2.19	2.17	2.18	2.22		6
7	2.17			2.10	2.06	2.04		2.20	2.17	2.17	2.22		7
8	2.19			2.08	2.06	2.03		2.19	2.17	2.17	2.21		8
9	2.21	2.24	2.11	2.10	2.06	2.03		2.20	2.16	2.18	2.22		9
10	2.22	2.23	2.11	2.12	2.06	2.01	2.14	2.19	2.17	2.19	2.20		10
11	2.23	2.26	2.09	2.13	2.06	2.02	2.14	2.19	2.18	2.19	2.20		11
12	2.22	2.24	2.08	2.11	2.04	2.04	2.15		2.18	2.19			12
13	2.20	2.25	2.11	2.06	2.02	2.04	2.16		2.18	2.19			13
14	2.20	2.24	2.09	2.00	2.04	2.04	2.15		2.16	2.19			14
15	2.24	2.26	2.06	2.02	2.02	2.04	2.15		2.16	2.20			15
16	2.24	2.26	2.10	2.05	2.03	2.03	2.17	2.16	2.16	2.21			16
17	2.22	2.26	2.10	2.06	2.03	2.02	2.18	2.16	2.18				17
18	2.24	2.24	2.09	2.06	2.03	2.04	2.18	2.14	2.18				18
19	2.23	2.25	2.07	2.07	2.02	2.07	2.19	2.14	2.19	2.20			19
20	2.21	2.24	2.09	2.07	2.00	2.07	2.19	2.15	2.19	2.19			20
21	2.20	2.22	2.09	2.05	2.01	2.06	2.19	2.16	2.18	2.19			21
22	2.24	2.24	2.09	2.06	2.04	2.06	2.19	2.17	2.18	2.20			22
23	2.24	2.23	2.08	2.07	2.03	2.06	2.19	2.16	2.18	2.20			23
24	2.22	2.23	2.07	2.07	2.03	2.06	2.20	2.15	2.19	2.20			24
25	2.24	2.21	2.05	2.07	2.02	2.08	2.19	2.15	2.19	2.22			25
26	2.25	2.21	2.07	2.06	2.00	2.11	2.17	2.15	2.20	2.22			26
27	2.23	2.22	2.10	2.05	2.00	2.10	2.18	2.16	2.20	2.21			27
28	2.22	2.23	2.12	2.06	2.02	2.07	2.18	2.16	2.19	2.19			28
29	2.25		2.11	2.05	2.03	2.07	2.18	2.16	2.18	2.21			29
30	2.26		2.09	2.06	2.03	2.05	2.19	2.16	2.18	2.23			30
31	2.26		2.08		2.04		2.19	2.17		2.22			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN				2.07	2.03	2.05			2.18				MEAN
INST MAX				1.96 (14)	1.98 (26)	1.99 (11)			2.13 (2)				INST MAX
INST MIN				2.14 (11)	2.08 (1)	2.14 (26)			2.22 (18)				INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF WATERLOO   TOWNSHIP OF WILMOT   CONC. SRS LOT 15

OBSERVATION WELL 524

WELL REC #: 6504745
UTM CO-ORD: Z-17 E527640 N4804700
LAT & LONG: 43-24NORTH 80-40WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: JANUARY 1974
MEASURE PT: 0.2 METRES ABOVE GROUND SURFACE
GND ELEV: 351 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 9.8.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 9.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.8 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : OVERBURDEN
QUALITY : FRESH

E - ESTIMATE

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	9.74 E	9.67 E		9.54 E	8.91 E	9.14 E	9.27 E	9.51 E					1
2	9.73 E	9.67 E		9.54 E	8.91 E	9.15 E	9.28 E	9.52 E					2
3	9.72 E			9.54 E	8.91 E	9.15 E							3
4	9.71 E			9.54 E	8.92 E	9.15 E							4
5	9.71 E			9.53 E	8.92 E	9.16 E							5
6	9.71 E			9.52 E	8.93 E	9.16 E							6
7	9.70 E		9.60 E	9.51 E	8.94 E	9.17 E							7
8	9.70 E		9.59 E	9.50 E	8.95 E	9.17 E							8
9	9.70 E	9.68 E	9.59 E	9.49 E	8.96 E	9.18 E							9
10	9.70 E	9.68 E	9.58 E	9.47 E	8.97 E	9.18 E	9.42 E						10
11	9.70 E	9.68 E	9.58 E	9.46 E	8.98 E	9.19 E	9.43 E						11
12	9.70 E	9.69 E	9.58 E	9.45 E	8.99 E	9.19 E	9.43 E						12
13	9.70 E	9.69 E	9.58 E	9.43 E	9.01 E	9.20 E	9.43 E						13
14	9.69 E	9.70 E	9.57 E	9.41 E	9.02 E	9.20 E	9.44 E						14
15	9.69 E	9.70 E	9.57 E	9.40 E	9.03 E	9.20 E	9.44 E						15
16	9.69 E	9.70 E	9.57 E	9.38 E	9.05 E	9.21 E	9.45 E						16
17	9.69 E	9.69 E	9.56 E	9.35 E	9.06 E	9.21 E	9.45 E						17
18	9.69 E	9.71 E	9.56 E	9.32 E	9.07 E	9.21 E	9.46 E						18
19	9.69 E	9.71 E	9.56 E	9.28 E	9.08 E	9.22 E	9.46 E						19
20	9.69 E	9.71 E	9.56 E	9.24 E	9.10 E	9.22 E	9.46 E						20
21	9.69 E	9.71 E	9.55 E	9.20 E	9.11 E	9.23 E	9.47 E						21
22	9.69 E	9.71 E	9.55 E	9.16 E	9.13 E	9.23 E	9.47 E						22
23	9.68 E	9.71 E	9.55 E	9.12 E	9.14 E	9.23 E	9.48 E						23
24	9.68 E	9.71 E	9.55 E	9.08 E	9.16 E	9.24 E	9.48 E						24
25	9.67 E	9.68 E	9.55 E	9.05 E	9.17 E	9.24 E	9.48 E						25
26	9.67 E	9.67 E	9.55 E	9.01 E	9.19 E	9.25 E	9.49 E						26
27	9.67 E		9.54 E	8.99 E	9.20 E	9.25 E	9.49 E						27
28	9.67 E		9.54 E	8.96 E	9.22 E	9.26 E	9.49 E						28
29	9.67 E		9.54 E	8.94 E		9.26 E	9.50 E						29
30	9.67 E		9.53 E	8.92 E		9.27 E	9.50 E						30
31	9.67 E		9.54 E				9.51 E						31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	9.69			9.31		9.20							MEAN
INST MAX	9.67 (31)			8.91 (30)		9.14 (1)							INST MAX
INST MIN	9.74 (1)			9.54 (1)		9.27 (30)							INST MIN

ENVIRONMENT ONTARIO
TORONTO
COUNTY OF WELLINGTON

OBSERVATION WELL 551

VILLAGE OF ERIN
CON. - LOT -

WELL REC #: 6700832
UTM CO-ORD: Z-17 E574475 N4847450
LAT & LONG: 43-47NORTH 80-04WEST

REC METHOD: A-35 RECORDER
REC COMMCD: OCT. 09 1979
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 392 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: GRAVEL AND BOULDERS 4.6; GRAVEL 9.2; LIMESTONE ROCK 22.

DIAMETER OF WELL: 10 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 16.2 METRES

PUMP RATE: 1 L/S
SPEC. CAP: 3.54 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											4.18		1
2											4.18		2
3											4.18		3
4											4.17		4
5											4.17		5
6													6
7													7
8													8
9													9
10										4.25			10
11										4.24			11
12										4.23			12
13										4.22			13
14										4.21			14
15										4.21			15
16										4.21			16
17										4.20			17
18										4.20			18
19										4.20			19
20										4.20			20
21										4.20			21
22										4.19			22
23										4.18			23
24										4.18			24
25										4.18			25
26										4.18			26
27										4.18			27
28										4.18			28
29										4.18			29
30										4.18			30
31										4.18			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN													MEAN
INST MAX													INST MAX
INST MIN													INST MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 432

TOWNSHIP OF ERIN
CONC. 4 LOT 4

WELL REC #: 6700628
UTM CO-ORD: Z-17 E574860 N4835410
LAT & LONG: 43-40NORTH 80-04WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 1966
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 366 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: VERY STONY TILL; SILTY, STONY TILL 9.2; FINE BROWN SILT SAND WITH STONES 10.7; GREY SILTY, STONY TILL 21.4; STONY, BUFF TILL 28.4; COARSE SAND AND FINE GRAVEL 29.3; FINE TO MEDIUM GRAVEL 30.5; FINE TO MEDIUM SAND 32.

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 29 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 30.5 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.08	13.00	13.13	11.75	11.22	11.42	11.98	12.65	13.12	13.21			1
2	13.05	13.01	13.14	11.69	11.24	11.43	12.00	12.66	13.13	13.20			2
3	13.03	13.02	13.14	11.66	11.25	11.44	12.03	12.68	13.14	13.20			3
4	13.02	13.02	13.14	11.64	11.25	11.45	12.05	12.70	13.15	13.18			4
5	13.01	13.02	13.12	11.58	11.25	11.46	12.07	12.72	13.17	13.18			5
6	13.00	13.02	13.08	11.55	11.25	11.49	12.11	12.74	13.18	13.18			6
7	12.98	13.02	13.03	11.56	11.25	11.51	12.14	12.76	13.18	13.18			7
8	12.97	13.02	13.00	11.57	11.25	11.54	12.16	12.77	13.21	13.16			8
9	12.96	13.04	12.97	11.54	11.26	11.56	12.17	12.79	13.23	13.15			9
10	12.96	13.05	12.94	11.54	11.27	11.57	12.18	12.80	13.23	13.15			10
11	12.97	13.07	12.90	11.56	11.29	11.57	12.19	12.81	13.24	13.15			11
12	12.96	13.07	12.88	11.57	11.30	11.59	12.22	12.83	13.26	13.15			12
13	12.95	13.07	12.87	11.55	11.31	11.62	12.24	12.85	13.26	13.15			13
14	12.93	13.08	12.82	11.48	11.31	11.64	12.26	12.86	13.27	13.14			14
15	12.93	13.08	12.78	11.37	11.31	11.66	12.28	12.88	13.27	13.14			15
16	12.95	13.09	12.73	11.28	11.31	11.67	12.31	12.91	13.28	13.13			16
17	12.95	13.12	12.69	11.23	11.31	11.69	12.34	12.93	13.29	13.13			17
18	12.95	13.13	12.63	11.20	11.31	11.71	12.36	12.93	13.29	13.13			18
19	12.96	13.13	12.57	11.18	11.30	11.76	12.39	12.95	13.29	13.13			19
20	12.95	13.13	12.50	11.16	11.30	11.79	12.41	12.96	13.31	13.13			20
21	12.94	13.13	12.43	11.15	11.31	11.80	12.43	12.98	13.32	13.13			21
22	12.93	13.13	12.36	11.15	11.33	11.81	12.44	13.00	13.33	13.12			22
23	12.96	13.14	12.27	11.15	11.35	11.83	12.47	13.01	13.30	13.12			23
24	12.96	13.14	12.17	11.16	11.36	11.86	12.49	13.02	13.28	13.12			24
25	12.95	13.14	12.07	11.16	11.38	11.90	12.51	13.03	13.28	13.11			25
26	12.96	13.14	12.01	11.16	11.38	11.92	12.52	13.05	13.27	13.10			26
27	12.97	13.14	11.97	11.16	11.38	11.94	12.54	13.05	13.26	13.09			27
28	12.97	13.13	11.93	11.17	11.38	11.95	12.57	13.06	13.25	13.09			28
29	12.97		11.88	11.19	11.40	11.96	12.60	13.07	13.24	13.09			29
30	12.99		11.85	11.20	11.41	11.97	12.62	13.08	13.22				30
31	12.99		11.78		11.41		12.63	13.11					31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	12.97	13.08	12.61	11.38	11.31	11.68	12.31	12.89	13.24				MEAN
INST MAX	12.92 (14)	12.99 (1)	11.76 (31)	11.15 (21)	11.21 (1)	11.42 (1)	11.97 (1)	12.64 (1)	13.12 (1)				INST MAX
INST MIN	13.10 (1)	13.14 (25)	13.14 (4)	11.76 (1)	11.42 (31)	11.97 (30)	12.64 (31)	13.12 (31)	13.33 (22)				INST MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 532

TOWNSHIP OF GUELPH
DIV. C 5 LOT 8

WELL REC #: 6701127
UTM CO-ORD: Z-17 E563198 N4825875
LAT & LONG: 43-36 NORTH 80-13 WEST

REC METHOD: A35 RECORDER
REC COMMCD: JAN. 13 1978
MEASURE PT: 3.85 METRES ABOVE GROUND SURFACE
GND ELEV: 343 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN CLAY, STONES AND FINE GRAVEL 2.4; GREY CLAY AND GRAVEL 14.3; LIGHT BROWN BROKEN ROCK 16.8; DARK BROWN ROCK 18.3; BLACK ROCK 33.5; DARK GREY ROCK 36.6; LIGHT GREY ROCK 64.1; GREY AND BLUE ROCK 67.1; BLUE SHALE 67.1.

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 20.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 67.1 METRES

PUMP RATE: 30 L/S
SPEC. CAP: 0.007 L/S/M
AQUIFER : DOLOMITE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.02			-2.03	-1.85	-1.86	-1.64	-1.26	-0.88	-0.44			1
2				-2.05	-1.85	-1.85	-1.64	-1.29	-0.89	-0.43			2
3				-2.04	-1.87	-1.84	-1.64	-1.27	-0.87	-0.42			3
4				-2.08	-1.86	-1.83	-1.64	-1.27	-0.85	-0.39			4
5					-1.88	-1.82	-1.64	-1.28	-0.85	-0.41			5
6					-1.89	-1.80	-1.64	-1.26	-0.85	-0.41			6
7			0.19		-1.89	-1.80	-1.63	-1.25	-0.81	-0.40			7
8	0.07		0.09		-1.90	-1.80	-1.62	-1.23	-0.76	-0.37			8
9	0.08		-0.02		-1.89	-1.80	-1.60	-1.20	-0.72	-0.39			9
10	0.12		-0.17		-1.88	-1.83	-1.61	-1.21	-0.72	-0.40			10
11	0.16				-1.86	-1.81	-1.60	-1.16	-0.70	-0.42			11
12	0.17			-1.95	-1.84	-1.81	-1.57	-1.14	-0.68	-0.43			12
13	0.17			-1.97	-1.84	-1.80	-1.56	-1.13	-0.67	-0.41			13
14				-2.12	-1.84	-1.80	-1.53	-1.12	-0.67	-0.39			14
15				-2.38	-1.85	-1.79	-1.50	-1.09	-0.66	-0.41			15
16				-2.50	-1.86	-1.76	-1.47	-1.06	-0.64	-0.41			16
17				-2.48	-1.87	-1.76	-1.46	-1.04	-0.65	-0.42			17
18			-1.52	-2.41	-1.88	-1.73	-1.44	-1.04	-0.67	-0.40			18
19			-1.68	-2.30	-1.87	-1.72	-1.43	-1.00	-0.65	-0.42			19
20			-1.84	-2.16	-1.85	-1.72	-1.41	-0.97	-0.64	-0.42			20
21			-1.91	-2.05	-1.83	-1.72	-1.39	-0.96	-0.63	-0.40			21
22			-1.97	-1.98	-1.82	-1.70	-1.35	-0.93	-0.60	-0.39			22
23			-2.02	-1.93	-1.82	-1.66	-1.31	-0.93	-0.56	-0.43			23
24			-2.04	-1.88	-1.82	-1.65	-1.31	-0.94	-0.55	-0.42			24
25			-2.04	-1.88	-1.83	-1.64	-1.30	-0.92	-0.55	-0.39			25
26				-1.89	-1.84	-1.63	-1.29	-0.91	-0.52	-0.38			26
27				-1.87	-1.83	-1.63	-1.28	-0.92	-0.50				27
28				-1.86	-1.83	-1.63	-1.27	-0.92	-0.49				28
29				-1.86	-1.84	-1.64	-1.25	-0.92	-0.47				29
30			-1.97	-1.87	-1.85	-1.64	-1.24	-0.90	-0.45				30
31			-2.01		-1.85		-1.26	-0.88					31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN					-1.85	-1.75	-1.47	-1.08	-0.67				MEAN
INST MAX					-1.91 (8)	-1.86 (1)	-1.65 (4)	-1.30 (2)	-0.91 (2)				INST MAX
INST MIN					-1.80 (22)	-1.61 (27)	-1.23 (29)	-0.86 (31)	-0.41 (30)				INST MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 131

TOWNSHIP OF PUSLINCH
CONC. 11 LOT 4

WELL REC #: 6702809
UTM CO-ORD: Z-17 E568056 N4822756
LAT & LONG: 43-34NORTH 80-10WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: FEB 2 1965
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 340 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: LOAM 0.3; GRAVEL, SAND AND BOULDERS 1.5; GRAVEL, CLAY AND BOULDERS 8.2; SAND, GRAVEL, CLAY 9.8; SAND 11.1; DARK HARD SHALE 16.2; GREY LIMESTONE 34.5; VERY SOFT LIMESTONE 35.1; GREY LIMESTONE 38.7; VERY SOFT LIMESTONE 40; HARD GREY LIMESTONE 42.1.

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 12.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 42.1METRES

PUMP RATE: 53 L/S
SPEC. CAP: 3.2 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		15.57	14.95	14.06	14.09	14.19	14.28		14.49				1
2		15.62	15.68	14.23	14.11	14.21	14.29		14.47	14.87			2
3		14.65		14.03	14.09	14.22	14.30		14.62	15.33			3
4		14.96			14.10	14.22	14.31		14.95	14.90			4
5		15.42			14.10	14.24	14.32		14.67	15.10		15.09	5
6		15.65			14.11	14.24	14.33		14.73	14.77		14.86	6
7		15.91			14.12	14.24	14.34		14.60	14.73		14.66	7
8		16.33			14.13	14.25	14.34		14.51	14.46		14.85	8
9		15.56			14.14	14.24	14.82		14.51	14.98		14.48	9
10		15.03	14.69		14.16	14.20	14.38		14.60	15.02		15.16	10
11		14.93	15.36	14.53	14.18	14.28	14.34		14.75	14.91		15.02	11
12		15.46	15.54	14.41	14.18	14.24	14.34		14.55	15.06		15.16	12
13		16.26	15.56	14.37		14.26	14.76		14.71	15.09		15.11	13
14		16.36	14.50	13.87		14.32	14.39		14.63	14.95		14.85	14
15		16.40		13.79		14.28	14.36	14.49		15.14		15.23	15
16		16.44		13.83		14.27	14.36	14.50		15.16		14.23	16
17		16.48		14.32	14.15	14.28	14.37	14.49		15.23		14.41	17
18		14.88		13.90	14.16	14.43	14.76	14.48		15.32		15.60	18
19		16.16		13.91	14.16	14.37	15.20	14.48		15.37		15.38	19
20		16.38	14.11	13.92	14.18	14.33	15.45	14.49		15.04		15.19	20
21		16.41	14.37	13.94	14.52	14.36	15.27	14.49		15.16		14.96	21
22		16.45	14.08	13.97	14.68	14.33		14.49		14.96		15.07	22
23		16.42	14.04	13.99	14.20	14.31		14.48		15.10		14.14	23
24		14.80	14.00	14.01	14.19	14.32		14.43		14.49		14.55	24
25		14.57	14.00	14.01	14.18	14.33		14.45		15.18		13.90	25
26		15.50	14.65	14.01	14.15	14.57		14.46		15.01		13.89	26
27		15.17	14.10	14.01	14.14	14.95		14.47		15.38		13.91	27
28		14.58	14.10	14.02	14.15	14.33		14.47		14.64		13.91	28
29			14.10	14.05	14.16	14.31		14.47		15.84		13.91	29
30	15.62		14.07	14.06	14.16	14.29		14.48		16.98		13.92	30
31	15.09		14.05		14.17			14.49		16.84		13.93	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		15.66				14.31							MEAN
INST MAX		14.50 (4)				14.17 (1)							INST MAX
INST MIN		16.49 (17)				15.80 (27)							INST MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 213

TOWNSHIP OF PUSLINCH
CONC. 10 LOT 4

WELL REC #: 6704351.
UTM CO-ORD: 7-17 E567300 N4822500
LAT & LONG: 43-33NORTH 80-10WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: MAR 19 1968
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 320 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: CLAY AND BOULDERS 1.8; COARSE GRAVEL 3.4.

DIAMETER OF WELL: 51 CM
LENGTH OF CASING: 3.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 3.4 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : OVERBURDEN
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		2.86			2.83	2.82	2.79	2.78	2.79	2.82	2.84		1
2		2.86			2.83	2.81	2.79	2.78	2.79	2.82	2.84		2
3		2.86			2.83	2.81	2.79	2.78	2.79	2.82			3
4		2.87			2.83	2.81	2.79	2.78	2.79	2.82			4
5		2.87			2.83	2.81	2.79	2.78	2.79	2.82		2.85	5
6		2.86			2.83	2.81	2.79	2.78	2.79	2.82		2.85	6
7		2.87			2.83	2.81	2.79	2.78	2.79	2.83		2.85	7
8		2.87			2.83	2.81	2.79	2.78	2.80	2.83		2.85	8
9		2.87			2.83	2.80	2.79	2.78	2.80	2.83		2.85	9
10		2.87			2.83	2.80	2.79	2.78	2.80	2.83		2.85	10
11		2.87		2.85		2.80	2.79	2.78	2.80	2.83		2.85	11
12		2.86		2.85		2.80	2.79	2.78	2.80	2.83		2.85	12
13		2.86		2.85		2.80	2.79	2.78	2.80	2.83		2.85	13
14		2.86		2.85		2.80	2.79	2.78	2.80	2.83		2.85	14
15		2.86		2.84	2.83	2.80	2.79	2.78	2.80	2.83		2.85	15
16		2.86		2.84	2.83	2.80	2.79	2.79	2.81	2.83		2.85	16
17		2.86		2.84	2.83		2.79	2.79	2.81	2.83		2.85	17
18		2.86		2.84	2.83		2.79	2.79	2.81	2.83		2.85	18
19		2.86		2.84	2.83	2.80	2.79	2.79	2.81	2.84		2.85	19
20		2.86		2.84	2.83	2.79	2.79	2.79	2.81	2.84		2.85	20
21		2.86		2.84	2.83	2.79		2.79	2.81	2.84		2.86	21
22		2.86		2.84	2.82	2.79		2.79	2.81	2.84		2.86	22
23		2.86		2.84	2.82	2.79		2.79	2.81	2.84		2.85	23
24		2.86		2.84	2.82	2.79		2.79	2.82	2.84		2.85	24
25		2.86		2.84	2.82	2.79		2.79	2.82	2.84		2.85	25
26		2.86		2.84	2.82	2.79		2.79	2.82	2.84			26
27		2.86		2.84	2.82	2.79		2.79	2.82	2.84			27
28		2.85		2.84	2.82	2.79	2.78	2.79	2.82	2.84			28
29				2.83	2.82	2.79	2.78	2.79	2.82	2.84			29
30	2.86			2.83	2.82	2.79	2.78		2.82	2.84			30
31	2.86				2.82		2.78	2.79		2.84			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		2.86							2.80	2.83			MEAN
INST MAX		2.85 (28)							2.79 (1)	2.82 (1)			INST MAX
INST MIN		2.87 (9)							2.82 (30)	2.84 (31)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
WELLINGTON COUNTY

OBSERVATION WELL 397

TOWNSHIP OF PUSLINCH
CONC. 9 LOT 4

WELL REC #: 6702699
UTM CO-ORD: Z-17 E566100 N4821250
LAT & LONG: 43-34NORTH 80-11WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUL 25 1973
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 229 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.6; DIRTY SAND AND GRAVEL 1.8; GRAVEL AND CLAY 6.4; BROWN LIMESTONE 8.8; GREY LIMESTONE 19.8.

DIAMETER OF WELL: 25 CM
LENGTH OF CASING: 6.7 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 19.8 METRES

PUMP RATE: 91.2 L/S
SPEC. CAP: 3.24 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		1.86											1
2		1.88											2
3		1.90											3
4	1.36	1.91											4
5	1.37	1.94											5
6	1.37	1.95											6
7	1.37	1.96											7
8	1.38	1.98											8
9	1.40	2.00											9
10	1.42	2.03											10
11	1.44												11
12	1.45												12
13	1.45												13
14	1.48												14
15	1.50												15
16	1.52												16
17	1.55												17
18	1.56												18
19													19
20													20
21													21
22													22
23													23
24													24
25	1.73												25
26	1.76												26
27	1.78												27
28	1.79												28
29	1.81												29
30	1.83												30
31	1.84												31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN													MEAN
INST MAX													INST MAX
INST MIN													INST MIN

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ENVIRONMENT ONTARIO                       OBSERVATION WELL 544                                       WELL REC #:  6702440
TORONTO                                                                                              UTM CO-ORD:  Z-17 E564663 N4817366
WELLINGTON COUNTY                    TOWNSHIP OF PUSLINCH                    CONC. 7     LOT 7       LAT & LONG:  43-30NORTH  80-12WEST

REC METHOD:  'F' TYPE RECORDER                        DIAMETER OF WELL:  30 CM                       PUMP  RATE:  8 L/S
REC COMMCD:  JUL. 27 1977                             LENGTH OF CASING:  13.7 METRES                 SPEC.  CAP:  0.013 L/S/M
MEASURE PT:  0.0 METRES ABOVE GROUND SURFACE          LENGTH OF SCREEN:  NONE                        AQUIFER   :  LIMESTONE
GND  ELEV:   331  METRES ABOVE SEA LEVEL              DEPTH  OF   WELL:  82.7 METRES                 QUALITY   :  FRESH
WELL  TYPE:  DRILLED
WELL   LOG:  STONES AND GRAVEL 6.1; GRAVEL 7; FINE CLAY, SAND AND STONES 13.1; LIGHT BROWN BROKEN ROCK 13.7; LIGHT BROWN ROCK
             29; DARK BROWN ROCK 41.2; DARK GRAY ROCK 53.4; LIGHT GRAY ROCK 71.7; GRAY AND BLUE LIMESTONE 82.4; BLUE SHALE
             82.7


                                                           1979
                                    DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY     JAN      FEB      MAR      APR      MAY      JUN      JUL      AUG      SEP      OCT      NOV      DEC      DAY
                                                                                                                   1
  1              2.28                                                                                              2
  2              2.32                                                                                              3
  3              2.32                                                                                              4
  4              2.32                                                                                              5
  5              2.29                                                                                              6
  6              2.31                                                                                              7
  7              2.34                                                                                              8
  8              2.32                                                                                              9
  9              2.30                                                                                             10
 10              2.32                                                                                             11
 11              2.35                                                                                             12
 12              2.34                                                                                             13
 13              2.32                                                                                             14
 14              2.34                                                                                             15
 15              2.35                                                                                             16
 16                                                                                                               17
 17                                                                                                               18
 18                                                                                                               19
 19                                                                                                               20
 20              2.34                                                                                             21
 21              2.35                                                                                             22
 22              2.39                                                                                             23
 23              2.37                                                                                             24
 24                                                                                                               25
 25                                                                                                               26
 26                                                                                                               27
 27                                                                                                               28
 28                                                                                                               29
 29                                                                                                               30
 30     2.32                                                                                                      31
 31     2.32
                                            -MONTHLY SUMMARY-                                                     MEAN
MEAN
                                                                                                                  INST
INST                                                                                                              MAX
 MAX
                                                                                                                  INST
INST                                                                                                              MIN
 MIN
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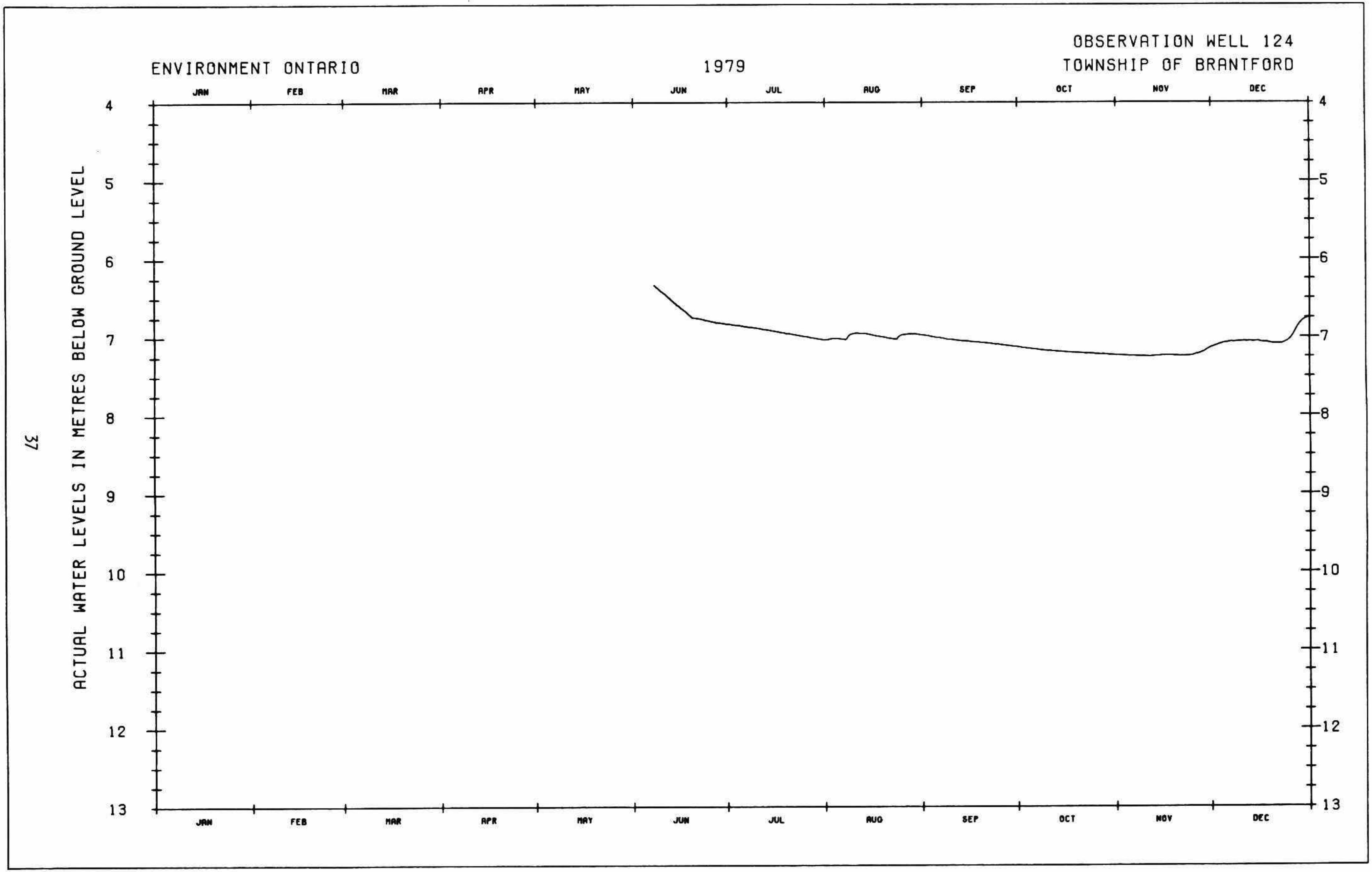
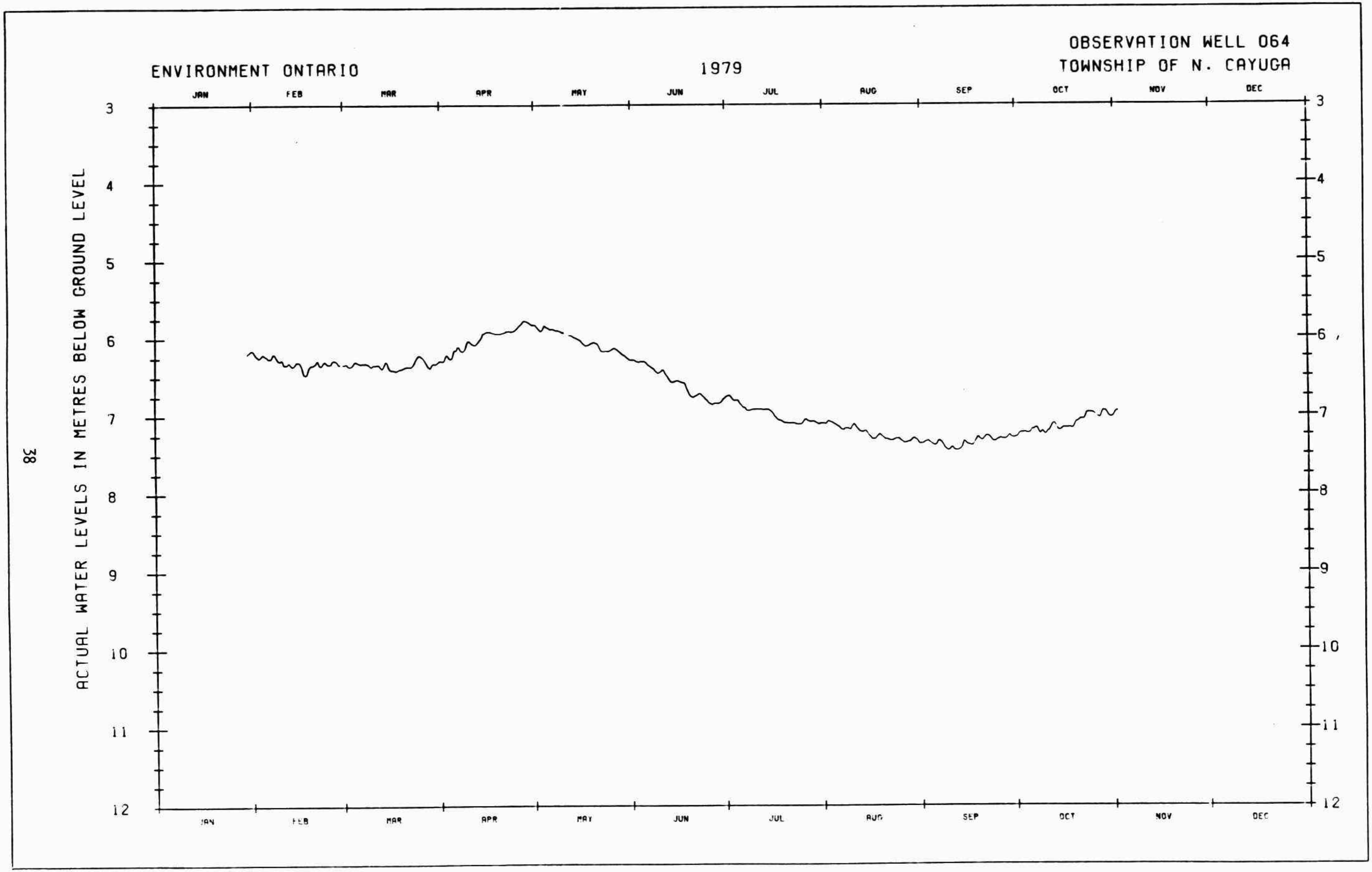
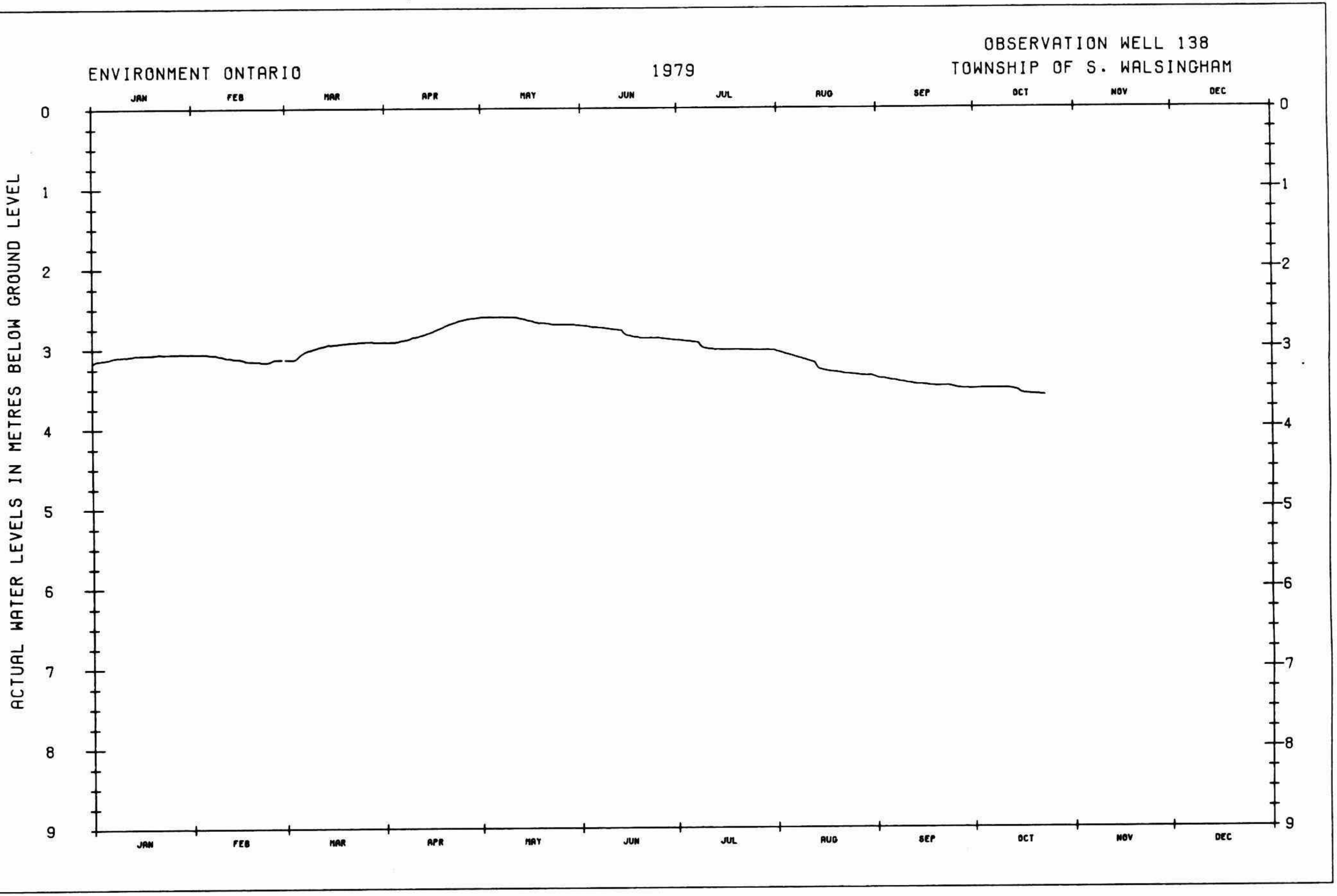

ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 124
TOWNSHIP OF BRANTFORD
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
4
5
6
7
8
9
10
11
12
13

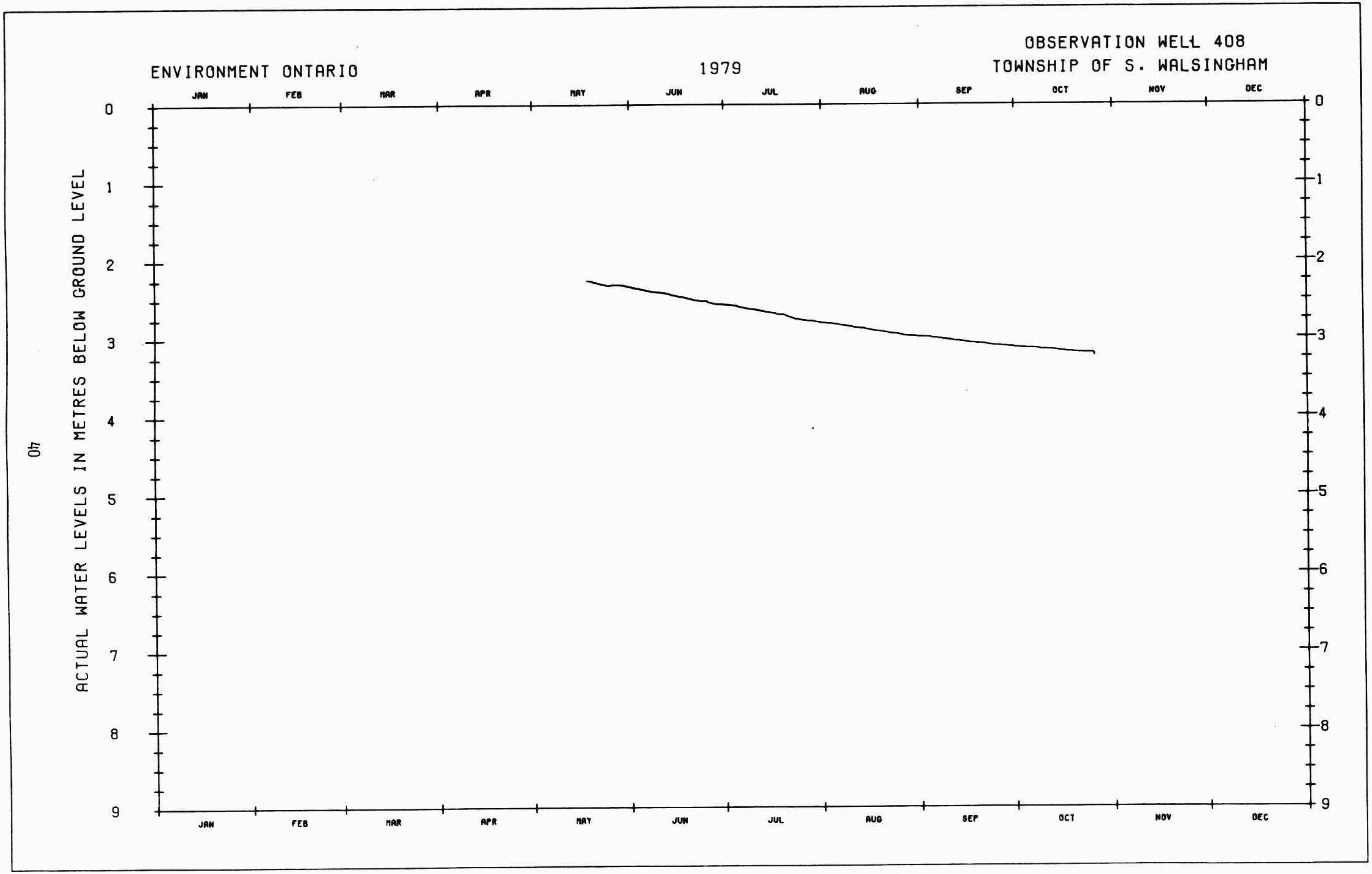


OBSERVATION WELL 064
TOWNSHIP OF N. CAYUGA

ENVIRONMENT ONTARIO

1979

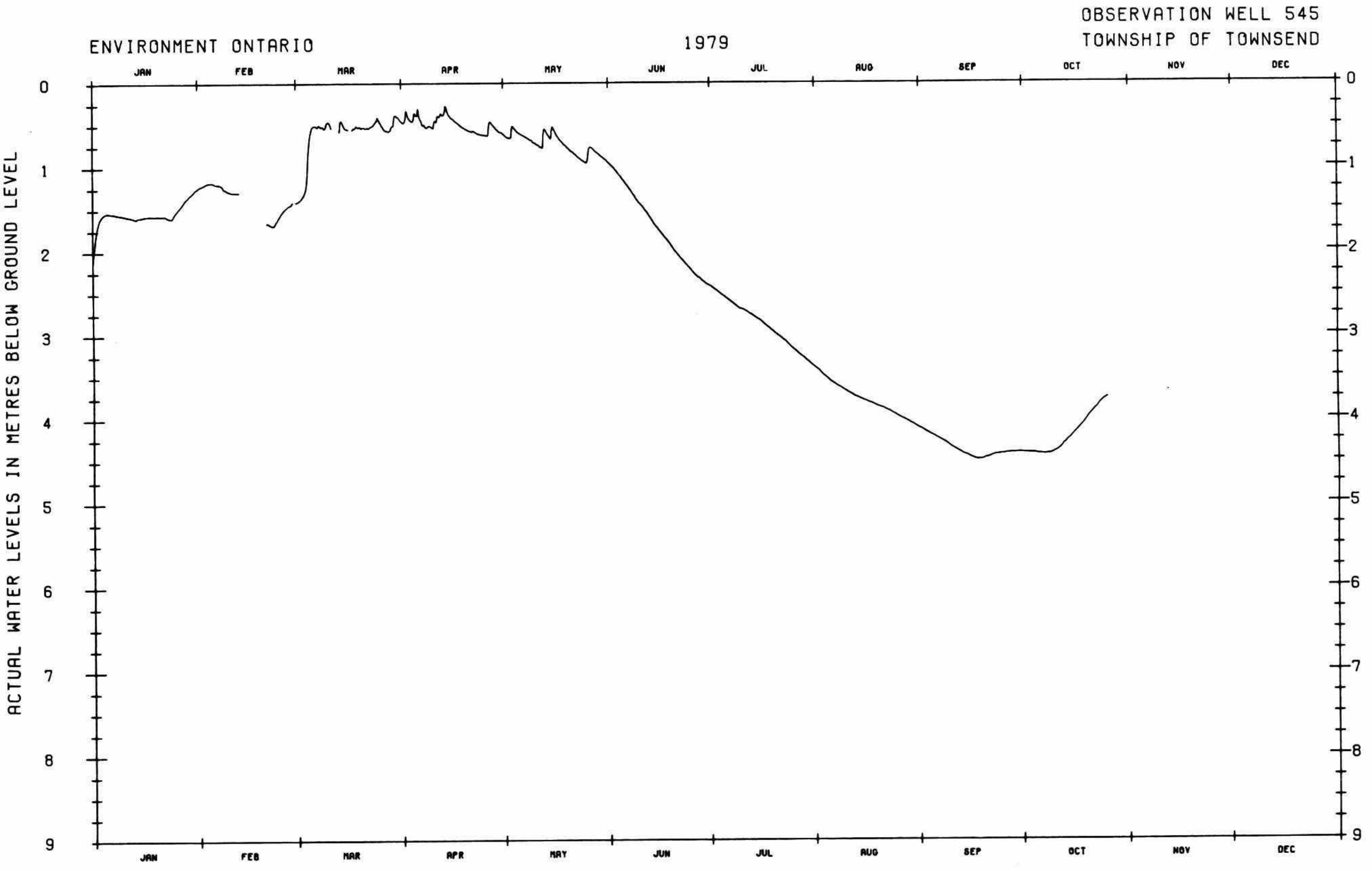

OBSERVATION WELL 138
TOWNSHIP OF S. WALSINGHAM
ENVIRONMENT ONTARIO
1979
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
0
1
2
3
4
5
6
7
8
9

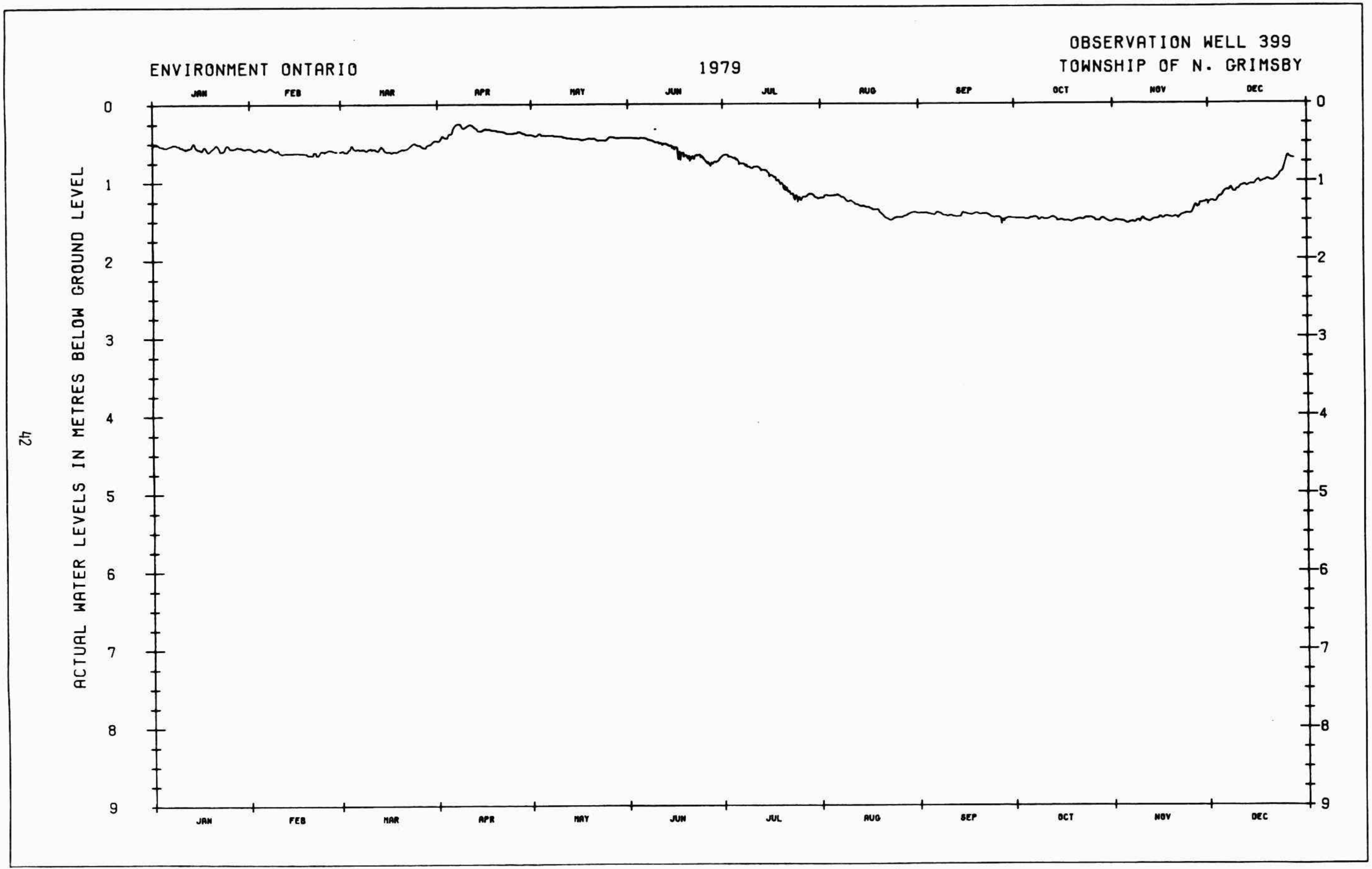


OBSERVATION WELL 408
TOWNSHIP OF S. WALSINGHAM

ENVIRONMENT ONTARIO

1979


OBSERVATION WELL 545
TOWNSHIP OF TOWNSEND
ENVIRONMENT ONTARIO
1979
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
0
1
2
3
4
5
6
7
8
9


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 399
TOWNSHIP OF N. GRIMSBY
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
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DEC
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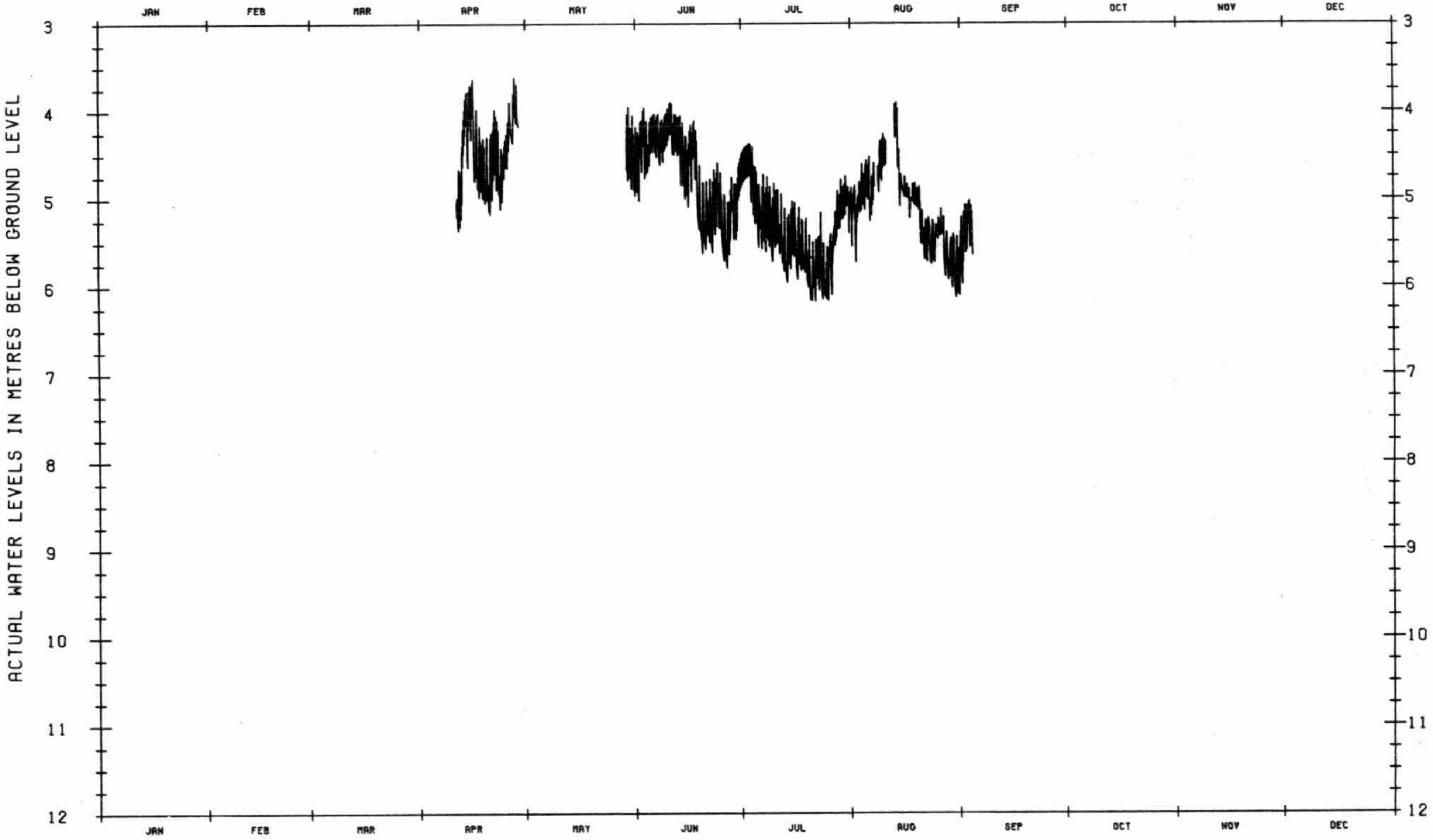
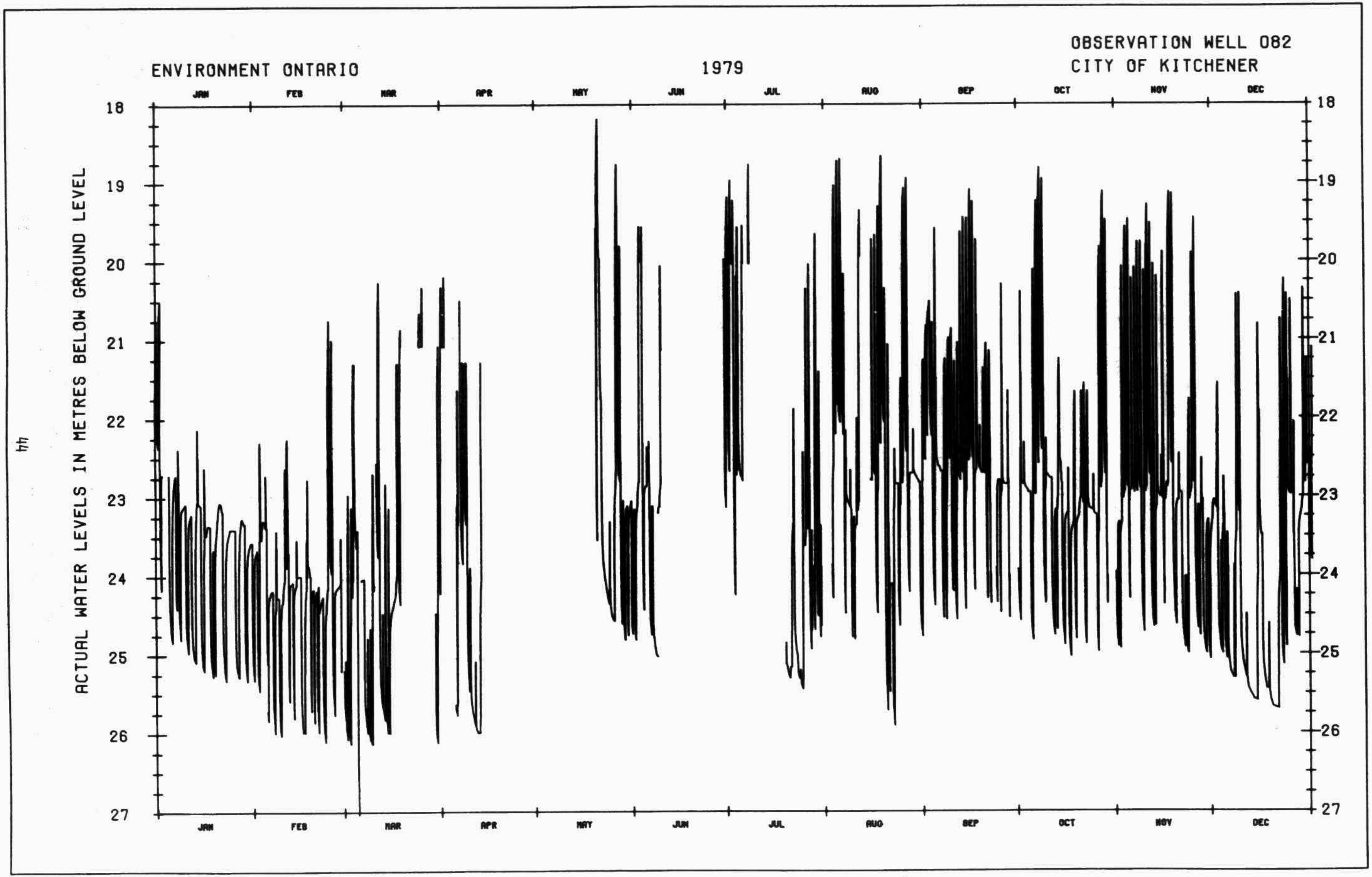
9

ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 033
TOWN OF ELMIRA




OBSERVATION WELL 082
CITY OF KITCHENER
ENVIRONMENT ONTARIO
1979
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
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OCT
NOV
DEC
18
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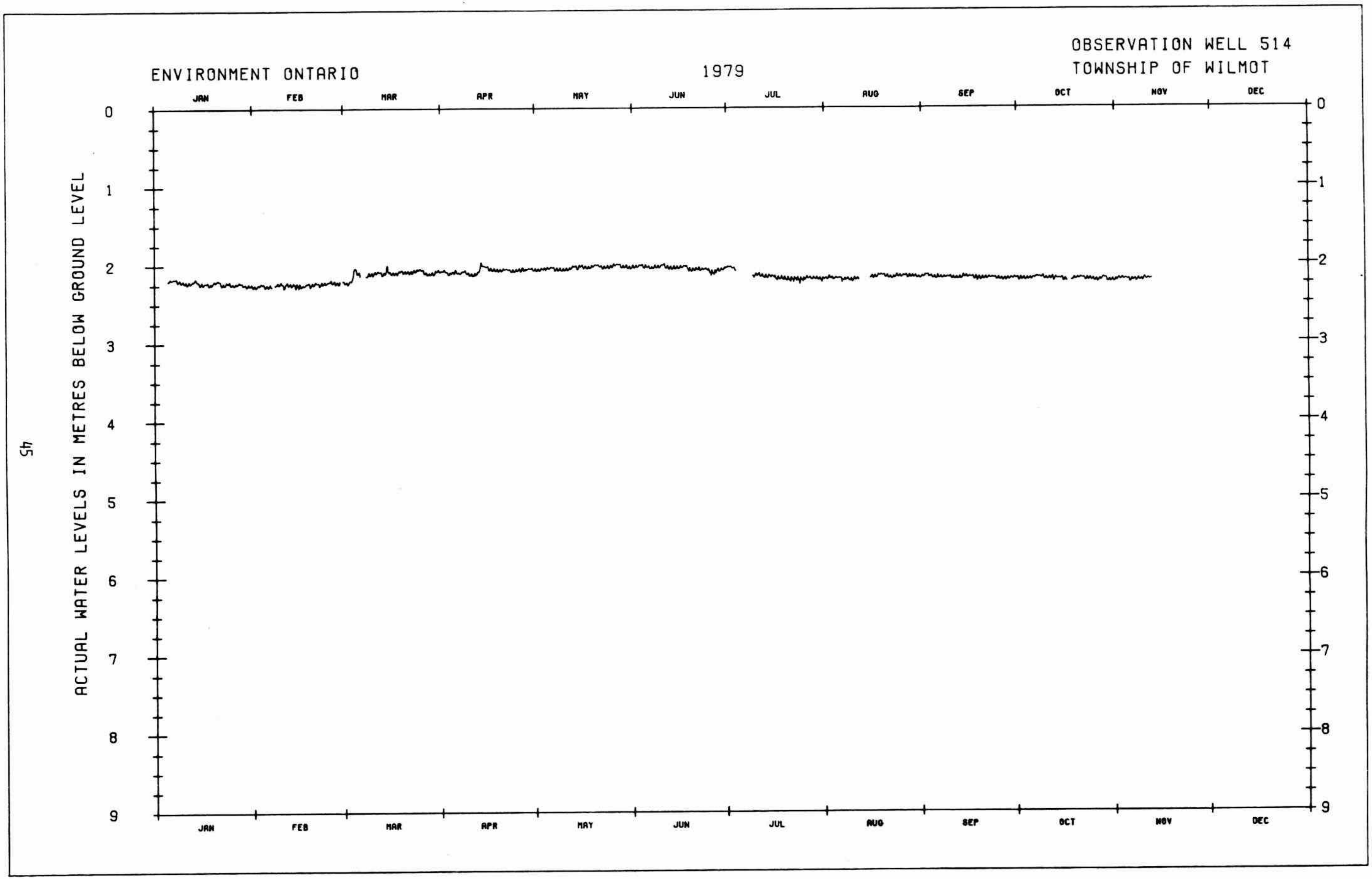
ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 514
TOWNSHIP OF WILMOT
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
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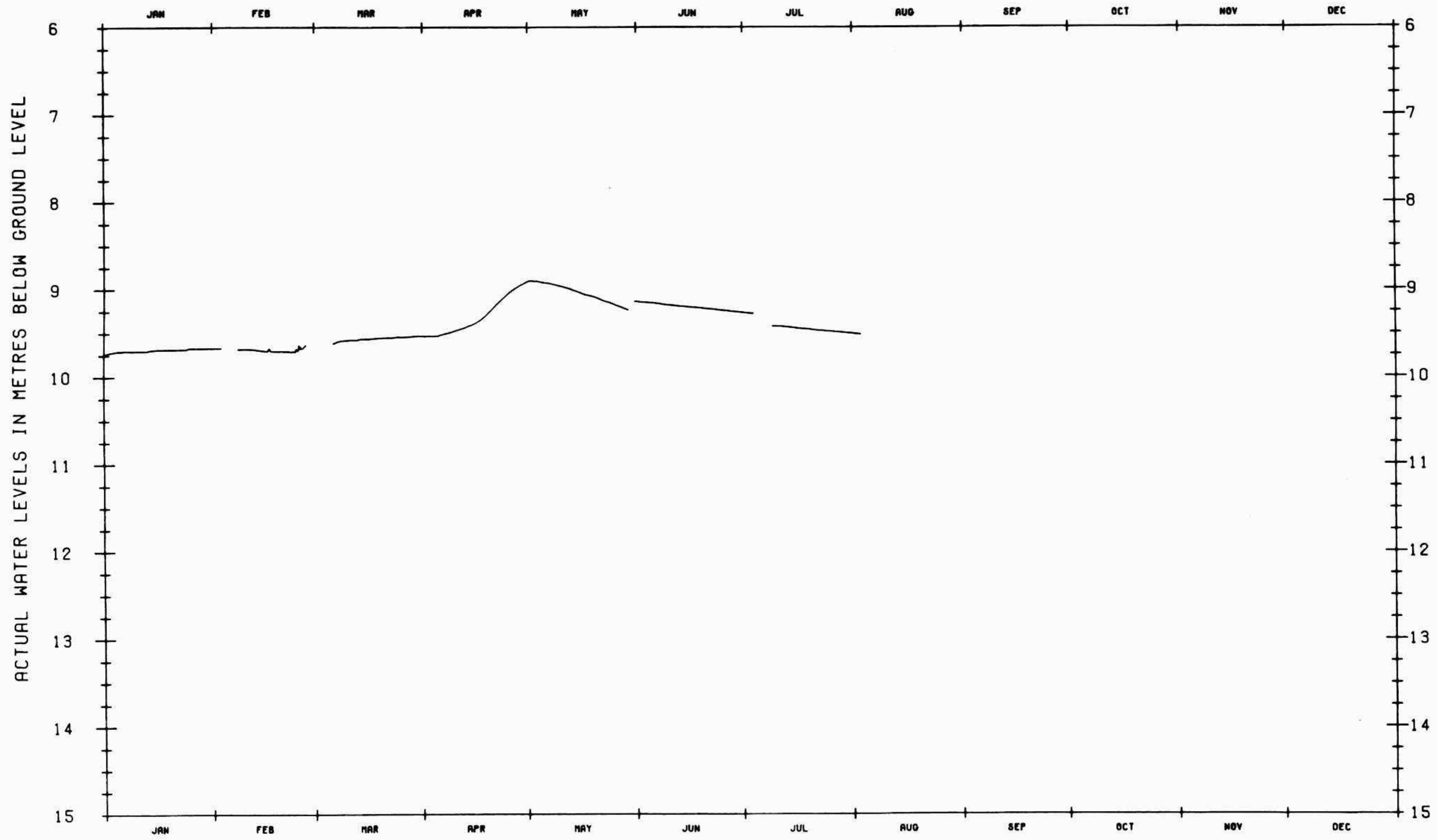
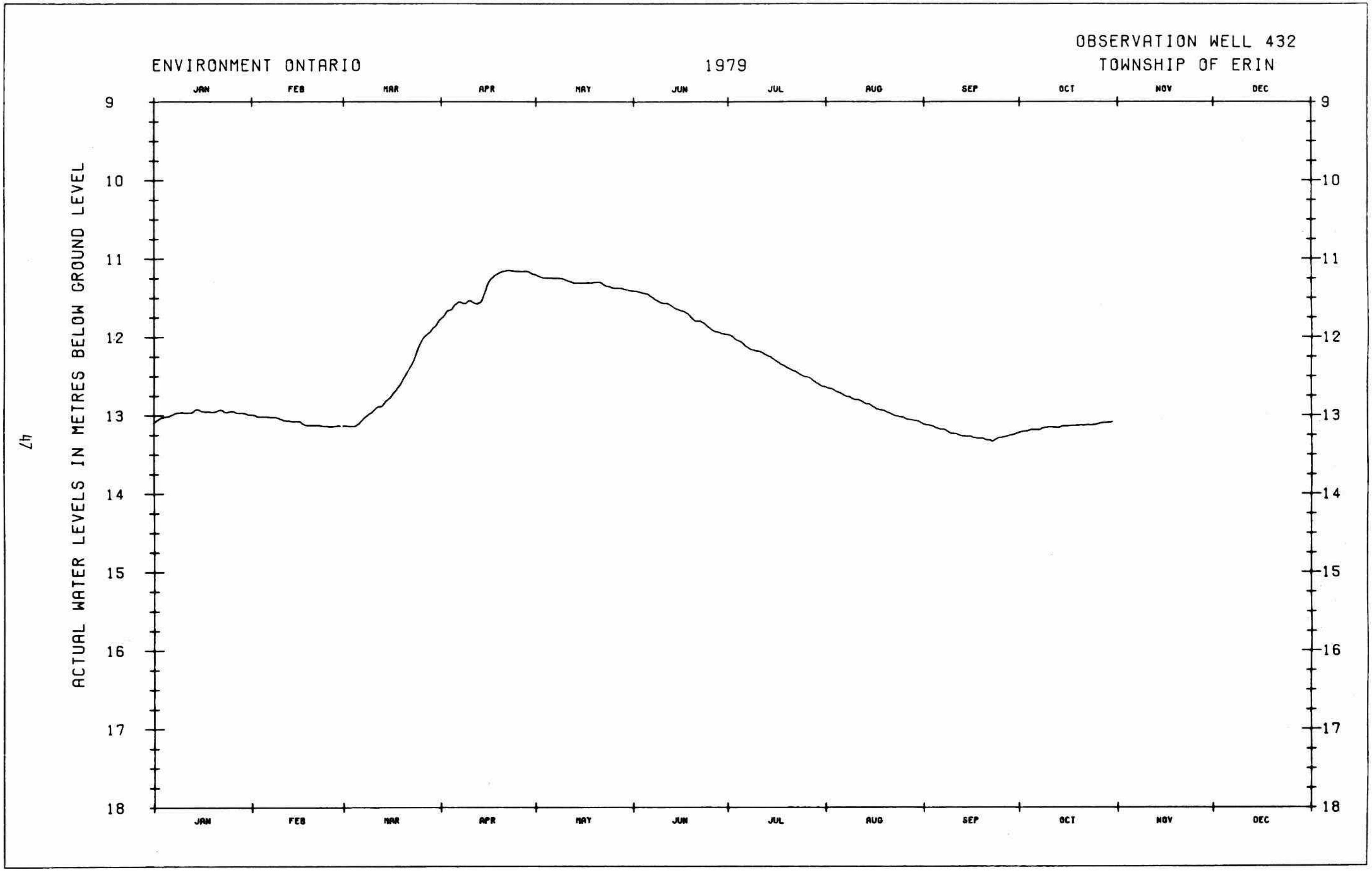
OBSERVATION WELL 524
TOWNSHIP OF WILMOT

ENVIRONMENT ONTARIO

1979




ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 432
TOWNSHIP OF ERIN
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
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MAY
JUN
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AUG
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OCT
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DEC
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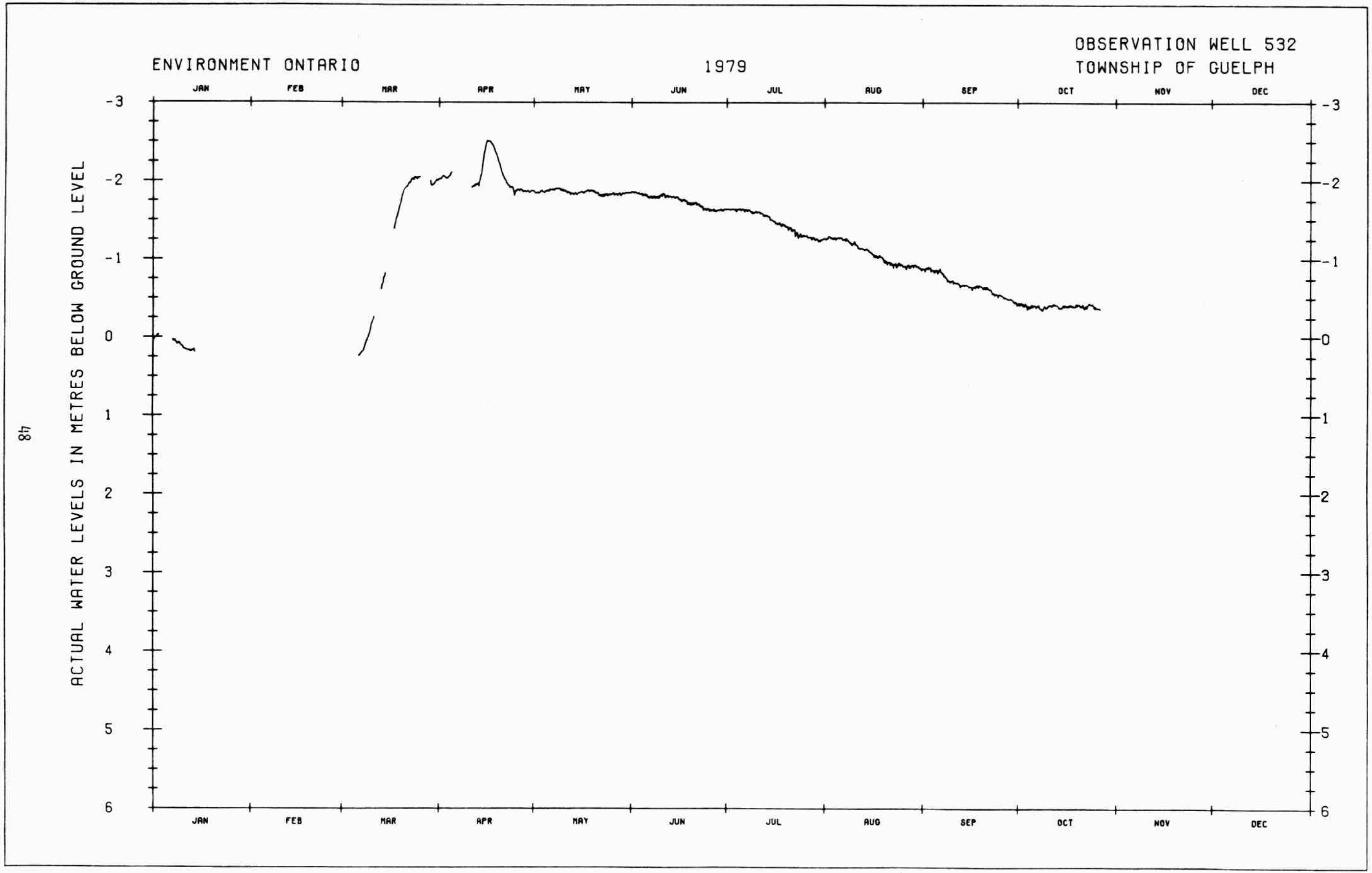
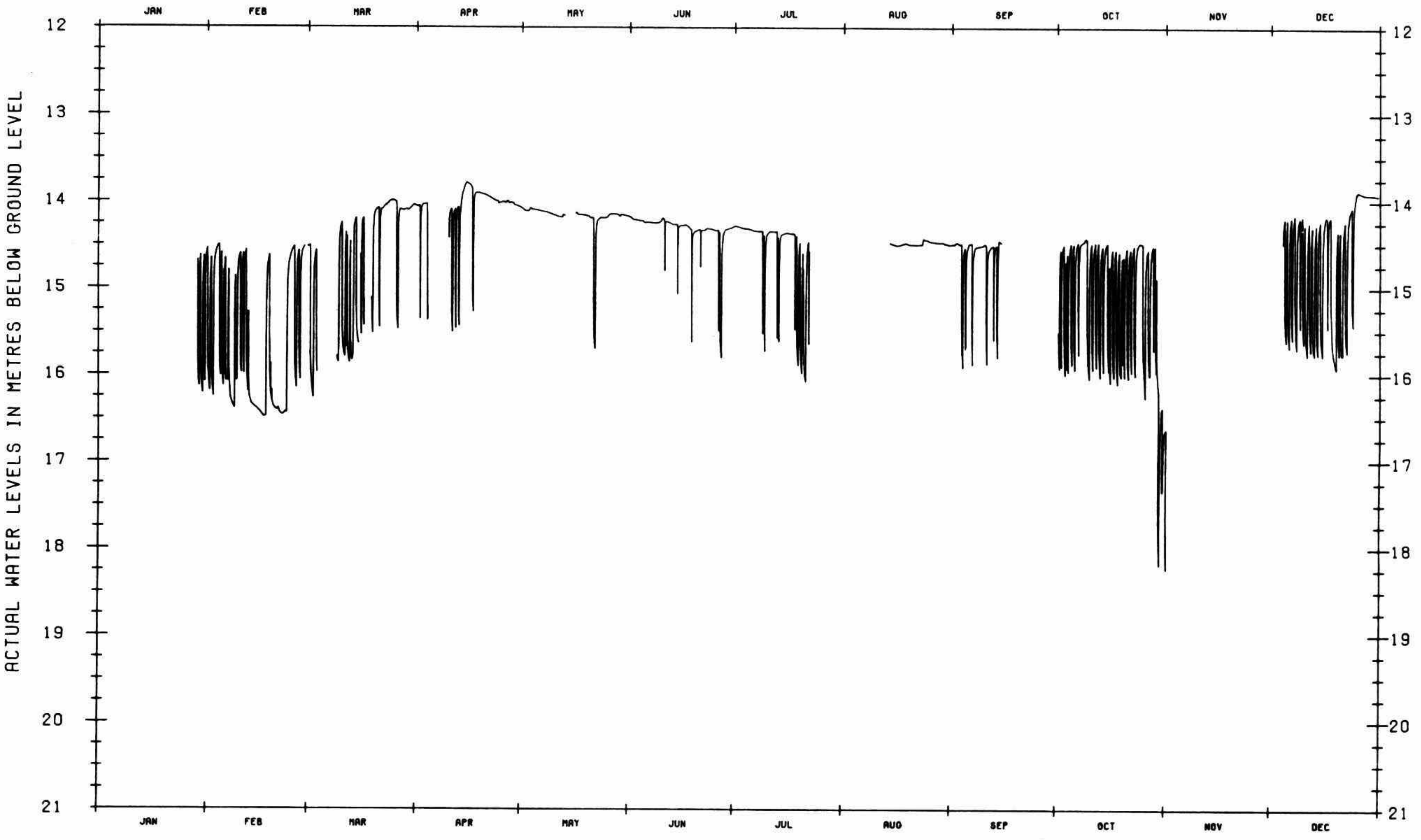


ENVIRONMENT ONTARIO

1979

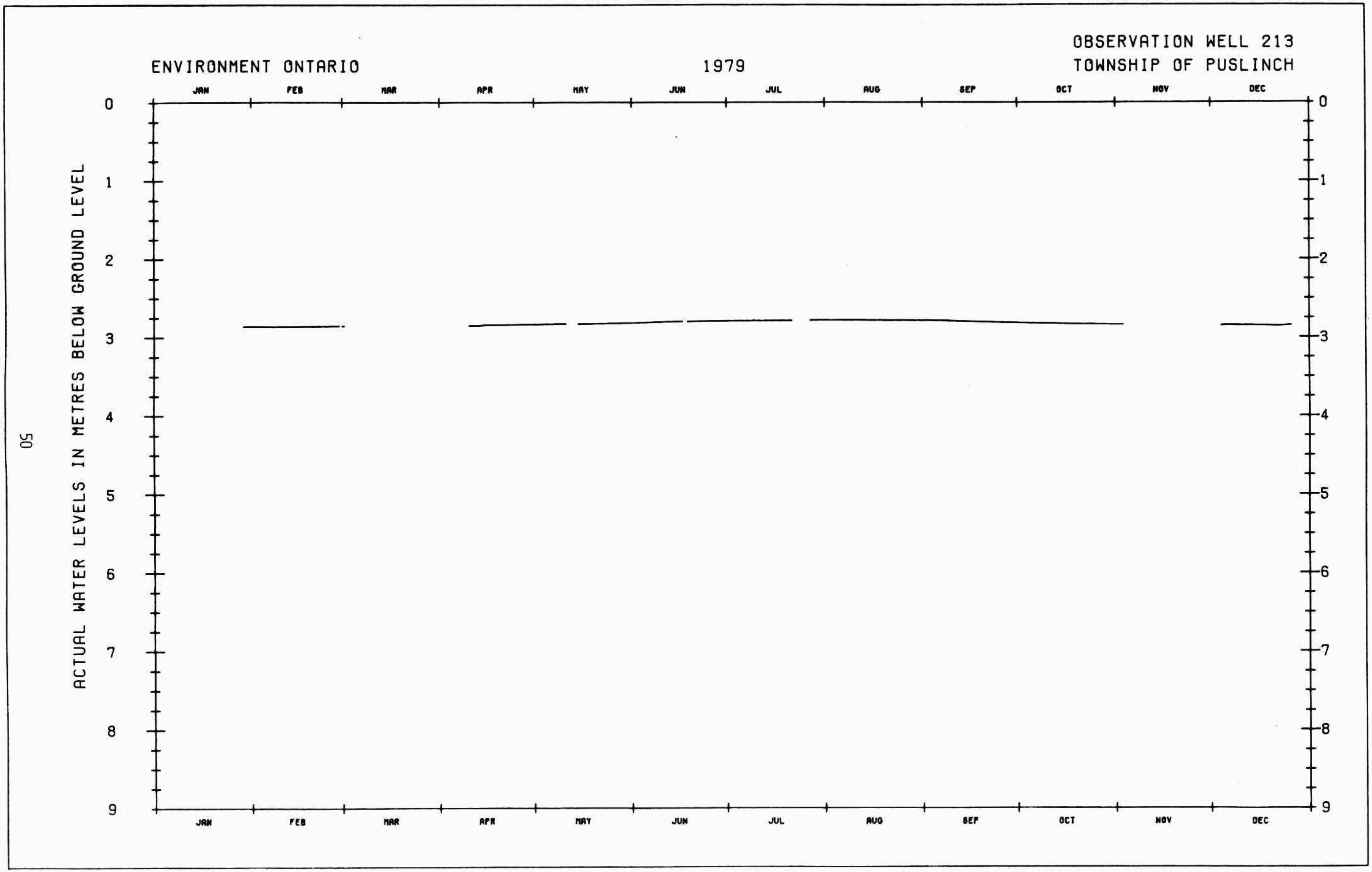
OBSERVATION WELL 532
TOWNSHIP OF GUELPH



ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 131
TOWNSHIP OF PUSLINCH


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 213
TOWNSHIP OF PUSLINCH
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
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9

Central Region

③ Ministry of the Environment Ontario

OBSERVATION WELL DATA

REGIONAL OFFICE
DON MILLS
150 Ferrand Dr.
416-424-3000

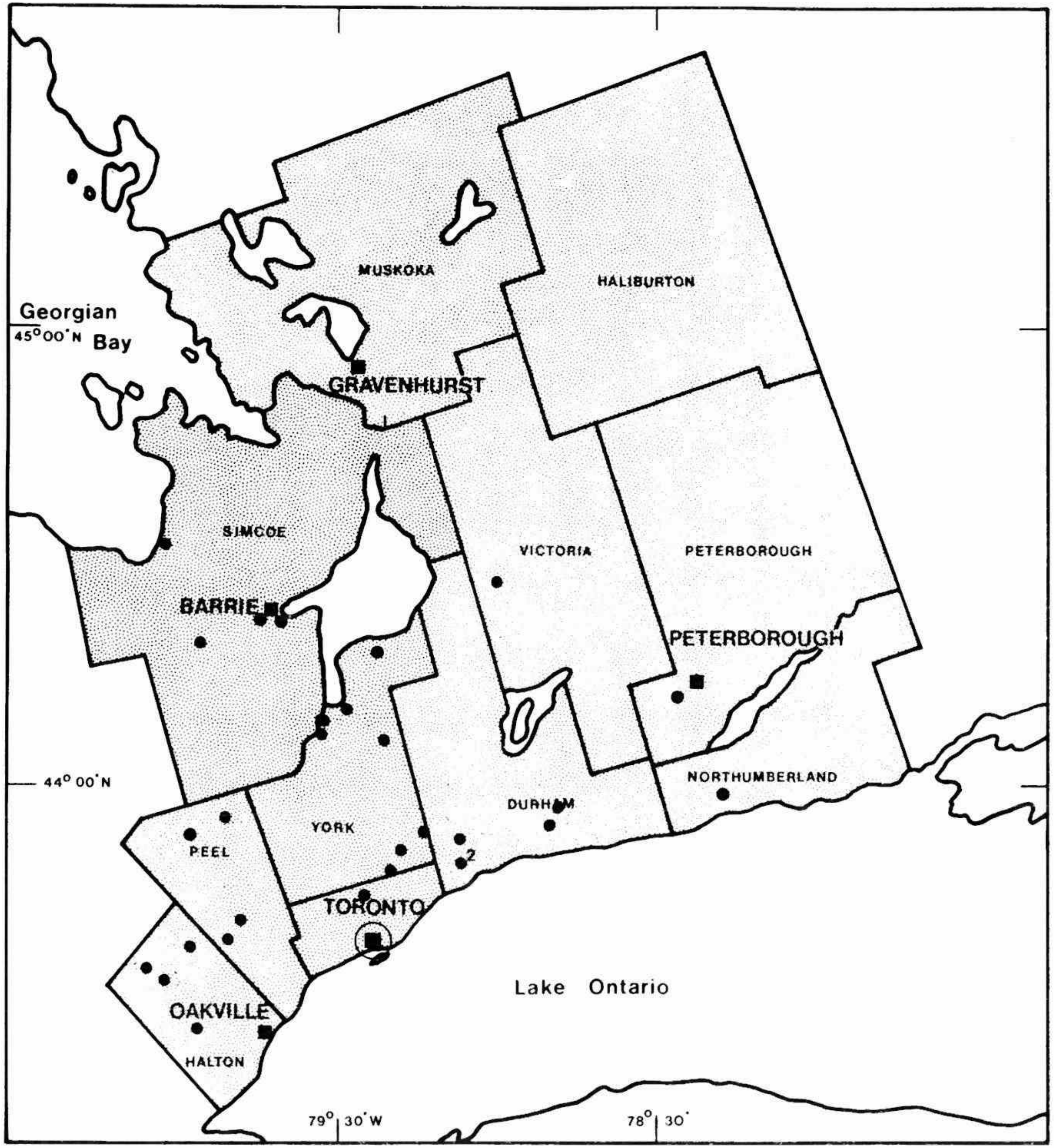
DISTRICT OFFICES

Barrie
12 Fairview Rd.
705-726-1730

Muskoka-Haliburton
Gravenhurst Shopping Centre
705-687-3408

Peterborough
139 George St. N.
705-743-2972

Halton-Peel
125 Cross Ave. Oakville
416-822-2566



OBSERVATION WELL DISTRIBUTION

LEGEND

Regional Office	⊙
District Office	■
Recording Observation Well	●
Number of Recording Wells in same location	●2
Manually Measured Well	▲
Number of Manually Measured Wells in same location	▲2

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 526

TOWNSHIP OF CLARKE   CONC. 10   LOT 28

WELL REC #: 1902683
UTM CO-ORD: 2-17 E687880 N4881670
LAT & LONG: 43-55NORTH 78-37WEST

REC METHOD: A35 RECORDER
REC COMMCD: FEB. 27 1968
MEASURE PT: 0.8 METRES ABOVE GROUND SURFACE
GND ELEV: 364 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: DIRTY SAND, GRAVEL AND BOULDERS 6.1: SAND AND GRAVEL 58.6: GREY SILTY TILL 60.7: SAND AND GRAVEL WITH SOME SILT LENSES 88.5: SILTY SANDY TILL 102.2: FINE TO MEDIUM SAND WITH SILTY LENSES AT ONE HUNDRED TEN METRES 113.3: SILTY SANDY TILL 116.8: SAND AND GRAVEL 119.3: SILTY CLAY 122.3: SILTY SAND AND GRAVEL 122.9.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 116.6 METRES
LENGTH OF SCREEN: 1.2 METRES
DEPTH OF WELL: 117.7 METRES

PUMP RATE: 0.8 L/S
SPEC. CAP: N.A.
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		54.59 E	55.17						54.52	54.46	54.50	54.66	1
2		54.60 E	55.18						54.50	54.46	54.51	54.69	2
3		54.58 E							54.50	54.46	54.51	54.67	3
4		54.53 E							54.53	54.47	54.54	54.62	4
5		54.52 E							54.52	54.45	54.56	54.59	5
6		54.53 E							54.48	54.44	54.52	54.47	6
7		54.48 E							54.50	54.44	54.51	54.53	7
8		54.46 E							54.53	54.48	54.50	54.67	8
9		54.47 E							54.54	54.47	54.51	54.68	9
10		54.45 E	54.35						54.50	54.48	54.51	54.67	10
11		54.45 E	54.21						54.52	54.46	54.56	54.62	11
12		54.52 E	54.18	54.24	53.90				54.52	54.43	54.57	54.64	12
13		55.15 E	54.16	54.28	53.85				54.50	54.46	54.37	54.67	13
14		55.30 E	54.09	54.33	54.01	54.68			54.47	54.52	53.82	54.67	14
15		55.33 E	54.16	54.32	54.49	54.66			54.51	54.50	53.75	54.66	15
16		55.36 E	54.17	54.30		54.65		54.19	54.53	54.51	54.31	54.63	16
17		55.41 E	54.16	54.18		54.63		54.13	54.52	54.50	54.45	54.66	17
18		55.37 E				54.64		54.40	54.41	54.51	54.52	54.66	18
19		55.28 E				54.67		54.49	54.41	54.49	54.56	54.66	19
20		55.23 E				54.64		54.52	54.46	54.47	54.57	54.69	20
21		55.22 E				54.57		54.52	54.47	54.48	54.62	54.68	21
22		55.28 E						54.50	54.50	54.49	54.60	54.66	22
23		55.25 E						54.51	54.53	54.46	54.59	54.65	23
24		55.23 E						54.29	54.52	54.47	54.62	54.45	24
25		55.24 E						54.46	54.33	54.50	54.63	53.86	25
26		55.17 E						54.52	54.24	54.52	54.56	53.79	26
27		55.16 E					54.77	54.51	54.24	54.52	54.62	53.77	27
28		55.17 E					54.64	54.51	54.36	54.47	54.60	53.75	28
29								54.50	54.45	54.52	54.62	53.73	29
30								54.51	54.46	54.56	54.63	53.70	30
31	54.62 E							54.53		54.54		53.71	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		54.94							54.47	54.48	54.49	54.44	MEAN
INST MAX		54.41 (12)							54.09 (26)	54.42 (12)	53.64 (15)	53.69 (30)	INST MAX
INST MIN		55.41 (17)							54.54 (9)	54.57 (30)	54.66 (30)	54.72 (9)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM

OBSERVATION WELL 509

TOWNSHIP OF DARLINGTON   CONC. 7   LOT 21

WELL REC #: 1901733
UTM CO-ORD: 2-17 E678301 N4874336
LAT & LONG: 44-01NORTH 78-47WEST

REC METHOD: A35 RECORDER
REC COMMCD: AUG. 11 1966
MEASURE PT: 0.90 METRES ABOVE GROUND SURFACE
GND ELEV: 198 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SANDY TILL (LEACHED ZONE) 4.3: SAND AND GRAVEL 4.6: SILTY TILL 11.6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 4.6 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 6.1 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SILTY TILL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.16		2.21	1.94	2.04	2.24	2.30	2.40	2.30	2.34	2.22	1.98	1
2	2.07		2.21	1.92	2.06	2.25	2.28	2.36	2.31	2.35	2.22	2.03	2
3	2.08		2.19	1.74	2.07	2.26	2.28	2.25	2.31	2.34	2.22	2.06	3
4	2.12		2.14	1.73	2.04	2.26	2.29	2.24	2.32	2.34	2.23	2.08	4
5	2.16		2.03	1.78	2.02	2.27	2.31	2.26	2.33	2.32	2.24	2.10	5
6	2.19		1.96	1.75	2.02	2.28	2.32	2.27	2.33	2.29	2.24	2.11	6
7	2.21		1.98	1.75	2.03	2.28	2.33	2.28	2.34	2.25	2.24		7
8	2.23		1.99	1.80	2.04	2.29	2.34	2.28	2.34	2.23	2.23		8
9	2.24		2.00	1.85	2.06	2.29	2.35	2.29	2.35	2.22	2.23		9
10	2.25		1.96	1.90	2.09	2.30	2.36	2.29	2.35	2.19	2.21		10
11	2.26		1.94	1.93	2.11	2.29	2.36	2.30	2.34	2.19	2.17		11
12	2.27		1.99	1.95	2.12	2.27	2.36	2.31	2.34	2.18	2.17		12
13	2.28		2.04	1.98	2.12	2.27	2.36	2.31	2.34	2.17	2.17		13
14	2.28		1.99	1.96	2.12	2.28	2.37	2.32	2.32	2.16	2.17		14
15	2.28		1.92	1.88	2.13	2.30	2.37	2.33	2.27	2.16	2.18		15
16	2.27		1.97	1.86	2.14	2.31	2.38	2.33	2.26	2.18	2.18		16
17	2.27		2.03	1.90	2.15	2.31	2.38	2.34	2.26	2.20	2.18		17
18	2.28		2.02	1.94	2.16	2.32	2.39	2.34	2.27	2.21	2.19		18
19	2.28		1.96	1.98	2.17	2.33	2.39	2.34	2.28	2.22	2.19		19
20	2.28		1.92	2.00	2.18	2.34	2.40	2.33	2.30	2.22	2.20		20
21	2.28		1.90	2.02	2.18	2.35	2.40	2.34	2.30	2.21	2.20		21
22	2.28		1.90	2.05	2.19	2.35	2.40	2.34	2.31	2.19	2.20	2.24	22
23	2.29		1.91	2.06	2.19	2.35	2.41	2.35	2.32	2.19	2.13	2.19	23
24	2.28		1.91	2.08	2.20	2.35	2.41	2.34	2.33	2.19	2.04	2.10	24
25	2.19		1.88	2.09	2.21	2.35	2.41	2.32	2.34	2.19	1.98	1.98	25
26	2.12		1.88	2.10	2.21	2.35	2.41	2.31	2.34	2.21	1.96	1.83	26
27	2.12		1.94	2.05	2.20	2.36	2.41	2.31	2.34	2.21	1.85	1.82	27
28	2.13		1.99	2.00	2.21	2.36	2.41	2.31	2.34	2.22	1.83	1.85	28
29	2.14		2.02	2.00	2.22	2.36	2.40	2.30	2.35	2.22	1.88	1.85	29
30			2.02	2.02	2.23	2.35	2.39	2.30	2.34	2.22	1.93	1.84	30
31			1.98		2.23		2.39	2.30		2.22		1.85	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN			1.99	1.93	2.13	2.31	2.37	2.31	2.32	2.23	2.14		MEAN
INST MAX			1.87 (26)	1.70 (3)	2.02 (5)	2.23 (1)	2.28 (2)	2.24 (3)	2.26 (15)	2.16 (13)	1.82 (27)		INST MAX
INST MIN			2.21 (1)	2.10 (26)	2.24 (30)	2.36 (29)	2.42 (28)	2.41 (2)	2.35 (11)	2.35 (4)	2.24 (6)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM TOWNSHIP OF PICKERING CONC. 6 LOT 20

OBSERVATION WELL 405

WELL REC #: 4605830
UTM CO-ORD: Z-17 E651608 N4864396
LAT & LONG: 43-55NORTH 79-06WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 16 1974
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 202 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN SANDY CLAY, GRAVEL 10.7: SAND, FINE GRAVEL, SILTY CLAY 12.2: GREY FINE SAND, SILT 24.4: GRAVEL, SAND, BOULDERS 25: GREY CLAY, SAND 29.6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 25.5 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 26.4 METRES

PUMP RATE: 1 L/S
SPEC. CAP: 0.01 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		9.08	9.20	8.99	8.43	8.36	8.57	8.91	9.16		9.50	9.58	1
2		9.13	9.21	8.92	8.45	8.35	8.59	8.90	9.15		9.49	9.60	2
3		9.14	9.22	8.92	8.36	8.34	8.66	8.93	9.13		9.50	9.60	3
4		9.08	9.17	8.94	8.32	8.32	8.68	8.94	9.18		9.54	9.47	4
5		9.07	9.17	8.77	8.34	8.33	8.70	8.95	9.20		9.57	9.42	5
6		9.13	9.18	8.74	8.35	8.37	8.75	8.96	9.17		9.52	9.40	6
7		9.11	9.18	8.87	8.34	8.42	8.75	8.96	9.13		9.50	9.46	7
8		9.06	9.18	8.85	8.30	8.44	8.74	8.95	9.20		9.50	9.52	8
9		9.13	9.18	8.68	8.29	8.44	8.71	9.00	9.25		9.50	9.58	9
10		9.15	9.16	8.72	8.29	8.41	8.69	8.96	9.25		9.49	9.52	10
11		9.16	9.13	8.82	8.29	8.39	8.69	8.97	9.21		9.57	9.46	11
12		9.16	9.15	8.77	8.29	8.46	8.72	9.00	9.25		9.58	9.47	12
13		9.13	9.16	8.67	8.29	8.51	8.74	9.01	9.25		9.56	9.53	13
14			9.06	8.56	8.29	8.52	8.75	8.99	9.28		9.55	9.50	14
15			9.19	8.52	8.29	8.51	8.75	9.03	9.32		9.53	9.49	15
16			9.22	8.53	8.32	8.48	8.78	9.07	9.25		9.55	9.40	16
17			9.20	8.55	8.38	8.47	8.82	9.07	9.22		9.54	9.45	17
18			9.16	8.55	8.31	8.48	8.82	9.03	9.22		9.56	9.46	18
19			9.13	8.55	8.23	8.57	8.82	9.03	9.27		9.60	9.46	19
20			9.11	8.54	8.20	8.59	8.82	9.06	9.27		9.60	9.49	20
21			9.09	8.51	8.20	8.54	8.82	9.07	9.28		9.63	9.49	21
22			9.09	8.49	8.27	8.50	8.82	9.07	9.26		9.58	9.42	22
23			9.02	8.51	8.28	8.51	8.84	9.07	9.28		9.57	9.40	23
24			8.95	8.50	8.24	8.57	8.85	9.06	9.31		9.59	9.38	24
25			8.95	8.44	8.22	8.63	8.84	9.08			9.62	9.33	25
26			9.03	8.39	8.20	8.64	8.82	9.13		9.53	9.51	9.37	26
27			9.10	8.35	8.22	8.61	8.86	9.12		9.53	9.55	9.38	27
28			9.11	8.41	8.29	8.60	8.89	9.12		9.44	9.54	9.36	28
29			8.99	8.45	8.31	8.60	8.90	9.11		9.49	9.55	9.27	29
30			9.00	8.45	8.32	8.58	8.90	9.11		9.56	9.55	9.17	30
31	9.10		8.97		8.35		8.90	9.15		9.56		9.14	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN			9.12	8.63	8.30	8.48	8.77	9.03			9.55	9.44	MEAN
INST			8.93	8.34	8.20	8.32	8.57	8.89			9.45	9.14	INST
MAX			(24)	(27)	(26)	(5)	(1)	(2)			(10)	(31)	MAX
INST			9.24	9.00	8.45	8.64	8.90	9.16			9.63	9.62	INST
MIN			(3)	(1)	(2)	(25)	(30)	(31)			(21)	(3)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM TOWN OF PICKERING CONC. 8 LOT 24

OBSERVATION WELL 406

WELL REC #: 4605833
UTM CO-ORD: Z-17 E646842 N4868419
LAT & LONG: 43-57NORTH 79-09WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 24 1974
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 242 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: HARD BROWN CLAY AND GRAVEL 3.1: HARD GREY CLAY AND GRAVEL 9.2: GREY FINE SAND 11.9: HARD PACKED GREY CLAY AND GRAVEL 13.2: PACKED GREY FINE SAND AND FINE GRAVEL 14: HARD PACKED GREY CLAY AND GRAVEL 15.6.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 11 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 11.9 METRES

PUMP RATE: 0.5 L/S
SPEC. CAP: 0.007 L/S/M
AQUIFER : FINE SAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.59	0.68	0.88	0.21	0.07	0.31	0.68	0.96	1.22	1.39	0.63	0.25	1
2	0.50	0.69	0.89	0.16	0.08	0.34	0.68	0.96	1.23	1.39	0.62	0.29	2
3	0.47	0.70	0.89	0.14	0.07	0.36	0.68	0.97	1.23	1.39	0.61	0.31	3
4	0.47	0.68	0.85	0.14	0.04	0.37	0.68	0.98	1.24	1.39	0.62	0.30	4
5	0.49	0.68	0.80	0.10	0.05	0.39	0.68	0.98	1.25	1.39	0.64	0.26	5
6	0.50	0.71	0.75	0.07	0.05	0.44	0.70	1.00	1.26	1.38	0.64	0.24	6
7	0.52	0.71	0.71	0.07	0.05	0.48	0.72	1.01	1.28	1.36	0.62	0.22	7
8	0.54	0.71	0.68	0.07	0.05	0.49	0.72	1.01	1.30	1.37	0.60	0.22	8
9	0.58	0.75	0.66	0.07	0.06	0.49	0.72	1.03	1.32	1.37	0.58	0.24	9
10	0.64	0.77	0.62	0.07	0.09	0.49	0.72	1.02	1.32	1.36	0.52	0.25	10
11	0.69	0.80	0.59	0.07	0.11	0.48	0.73	1.02	1.32	1.33	0.53	0.25	11
12	0.71	0.81	0.59	0.08	0.13	0.52	0.74	1.05	1.33	1.26	0.54	0.23	12
13	0.70	0.82	0.57	0.08	0.11	0.55	0.75	1.06	1.33	1.22	0.53	0.23	13
14	0.65	0.83	0.52	0.05	0.11	0.57	0.76	1.06	1.30	1.21	0.53	0.24	14
15	0.72	0.83	0.56	0.04	0.10	0.57	0.78	1.08	1.31	1.16	0.51	0.28	15
16	0.76	0.85	0.57	0.04	0.09	0.57	0.81	1.11	1.33	1.13	0.49	0.28	16
17	0.76	0.92	0.57	0.05	0.11	0.58	0.84	1.12	1.33	1.11	0.49	0.32	17
18	0.76	0.94	0.57	0.06	0.12	0.62	0.84	1.11	1.33	1.08	0.49	0.36	18
19	0.80	0.90	0.54	0.09	0.14	0.67	0.85	1.11	1.32	1.05	0.49	0.38	19
20	0.78	0.90	0.49	0.11	0.17	0.69	0.87	1.12	1.33	0.99	0.49	0.42	20
21	0.75	0.88	0.47	0.12	0.21	0.69	0.88	1.14	1.33	0.89	0.49	0.44	21
22	0.74	0.89	0.44	0.13	0.26	0.67	0.88	1.15	1.34	0.84	0.44	0.41	22
23	0.73	0.92	0.37	0.17	0.29	0.68	0.90	1.16	1.37	0.76	0.39	0.35	23
24	0.72	0.91	0.31	0.18	0.30	0.71	0.91	1.16	1.38	0.72	0.34	0.28	24
25	0.71	0.92	0.26	0.18	0.31	0.75	0.91	1.16	1.38	0.70	0.31	0.19	25
26	0.71	0.89	0.26	0.17	0.27	0.76	0.91	1.17	1.38	0.70	0.23	0.17	26
27	0.71	0.87	0.26	0.12	0.27	0.76	0.93	1.18	1.39	0.70	0.22	0.17	27
28	0.69	0.88	0.26	0.11	0.29	0.76	0.94	1.18	1.39	0.64	0.20	0.16	28
29	0.68		0.26	0.09	0.30	0.76	0.94	1.18	1.39	0.62	0.20	0.13	29
30	0.69		0.24	0.08	0.29	0.73	0.95	1.18	1.39	0.64	0.20	0.10	30
31	0.69		0.21		0.29		0.95	1.21		0.64		0.10	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	0.66	0.82	0.54	0.10	0.16	0.57	0.81	1.08	1.32	1.07	0.47	0.26	MEAN
INST	0.47	0.67	0.21	0.04	0.04	0.30	0.68	0.96	1.22	0.62	0.20	0.09	INST
MAX	(4)	(4)	(31)	(14)	(4)	(1)	(2)	(1)	(1)	(28)	(29)	(31)	MAX
INST	0.80	0.94	0.89	0.21	0.32	0.76	0.96	1.22	1.39	1.39	0.64	0.44	INST
MIN	(19)	(17)	(3)	(1)	(25)	(27)	(31)	(31)	(28)	(5)	(1)	(21)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF DURHAM   TOWNSHIP OF PICKERING   CONC. 5   LOT 21

OBSERVATION WELL 512

WELL REC #: 4606003
UTM CO-ORD: 7-17 E651820 N4862274
LAT & LONG: 43-44NORTH 79-07WEST

REC METHOD: A35 RECORDER
REC COMMCD: OCT 28 1974
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 183 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN SILTY SAND, TILL 3.7: GREY SILT SAND, TILL 16: GREY STONEY SAND, TILL 30.5: GREY FINE SAND 39: GREY SILT, TILL 46.4: GREY FINE TO MEDIUM SAND, STONES 78.1: GREY CLAY AND SHALE FRAGMENTS, TILL 81.3: LAYERED LIMESTONE AND SHALE 82.7.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 49.7 METRES
LENGTH OF SCREEN: 2.7 METRES
DEPTH OF WELL: 52.4 METRES

PUMP RATE: 1.0 L/S
SPEC. CAP: 0.15 L/S/M
AQUIFER : FINE SAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		7.74	7.85	7.80	7.65	7.64	7.68	7.80	7.93	8.01	8.05	7.91	1
2		7.77	7.86	7.78	7.66	7.64	7.67	7.79	7.92	8.00	8.05	7.93	2
3		7.78	7.87	7.78	7.65	7.65	7.68	7.80	7.92	7.99	8.05	7.93	3
4		7.78	7.86	7.78	7.63	7.64	7.68	7.81	7.93	7.98	8.05	7.92	4
5		7.79	7.86	7.73	7.63	7.63	7.71	7.82	7.94	7.97	8.07	7.89	5
6		7.80	7.86	7.71	7.63	7.63	7.74	7.83	7.92	7.95	8.07	7.86	6
7		7.79	7.86	7.73	7.63	7.64	7.75	7.84	7.92	7.93	8.07		7
8			7.86	7.73	7.63	7.65	7.76	7.83	7.94	7.95	8.05		8
9			7.86	7.71	7.63	7.65	7.77	7.84	7.96	7.96	8.03		9
10			7.85	7.71	7.63	7.65	7.76	7.83	7.96	7.97	7.99		10
11			7.83	7.74	7.62	7.64	7.74	7.83	7.97	7.97	8.01		11
12			7.83	7.75	7.62	7.65	7.74	7.84	7.98	7.96	8.04		12
13			7.83	7.74	7.61	7.67	7.74	7.85	7.98	7.96	8.04		13
14			7.80	7.70	7.61	7.69	7.74	7.85	7.94	7.98	8.04		14
15			7.84	7.69	7.61	7.70	7.74	7.86	7.94	7.99	8.04		15
16			7.86	7.69	7.63	7.70	7.75	7.87	7.96	8.02	8.04		16
17			7.88	7.69	7.65	7.70	7.77	7.88	7.97	8.03	8.04		17
18			7.88	7.70	7.66	7.69	7.78	7.88	7.97	8.03	8.04		18
19			7.88	7.71	7.66	7.72	7.79	7.89	7.97	8.03	8.04		19
20			7.88	7.71	7.64	7.74	7.80	7.89	7.98	8.03	8.05		20
21			7.88	7.71	7.63	7.74	7.80	7.90	7.97	8.02	8.07		21
22			7.87	7.71	7.64	7.72	7.80	7.90	7.98	8.02	8.05		22
23			7.84	7.71	7.64	7.72	7.81	7.90	8.00	8.00	8.03		23
24			7.79	7.71	7.63	7.72	7.81	7.89	8.01	7.99	8.02		24
25			7.75	7.70	7.61	7.74	7.81	7.89	8.02	7.99	8.01		25
26			7.76	7.67	7.59	7.74	7.80	7.91	8.02	7.99	7.97		26
27			7.79	7.63	7.59	7.73	7.80	7.91	8.02	8.01	7.94		27
28			7.83	7.63	7.59	7.73	7.80	7.91	8.02	8.01	7.93		28
29			7.82	7.63	7.59	7.72	7.79	7.90	8.02	8.01	7.92		29
30			7.82	7.64	7.61	7.69	7.80	7.90	8.02	8.03	7.91		30
31	7.74		7.80		7.63		7.80	7.92		8.05			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN			7.84	7.71	7.63	7.69	7.76	7.86	7.97	7.99	8.02		MEAN
INST MAX			7.75 (25)	7.62 (27)	7.59 (27)	7.63 (6)	7.67 (2)	7.79 (2)	7.91 (6)	7.93 (7)	7.91 (30)		INST MAX
INST MIN			7.88 (22)	7.81 (1)	7.66 (2)	7.74 (27)	7.82 (25)	7.92 (31)	8.02 (28)	8.06 (31)	8.07 (21)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF HALTON   CITY OF BURLINGTON   CONC. 3   LOT 2

OBSERVATION WELL 531

WELL REC #: 2805425
UTM CO-ORD: Z-17 E590760 N4806960
LAT & LONG: 43-25NORTH 79-52WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: APRIL 1977
MEASURE PT: 0.8 METRES ABOVE GROUND SURFACE
GND ELEV: 282 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: POSSIBLE LOG: OVERBURDEN 0.9: LIMESTONE BEDROCK 19.8.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: N.A.
LENGTH OF SCREEN:
DEPTH OF WELL: 19.8 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : LIMESTONE
QUALITY :

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	11.98	12.50		11.45	10.76	11.61	12.46	13.47	14.18		15.83	16.46	1
2	11.80	12.52	12.33	11.26	10.81	11.69	12.45	13.49	14.18		15.89	16.46	2
3	11.90	12.54	12.02			11.94	12.47	13.51	14.19			16.46	3
4	11.96	12.56				12.05	12.44	13.55	14.20			16.46	4
5	11.97	12.58				12.13	12.42	13.60	14.22				5
6	11.93	12.58				12.22	12.43	13.65	14.24				6
7	11.91	12.60				12.26	12.45	13.69	14.28				7
8	11.89	12.63				12.31	12.48	13.73			16.26		8
9	11.89	12.65				12.35	12.53	13.74			16.30		9
10	11.92	12.69				12.39	12.59	13.77			16.31		10
11	11.95	12.71				12.42	12.65	13.80			16.33		11
12	11.97	12.74				12.43	12.73	13.82			16.34		12
13	11.98	12.76				12.43	12.78	13.83			16.35		13
14	12.03	12.79				12.47	12.84	13.87			16.36		14
15	12.09	12.82				12.52	12.90	13.90			16.38		15
16	12.12	12.84				12.57	12.95	13.92			16.40		16
17	12.11	12.86				12.60	13.01	13.94			16.42		17
18	12.18	12.87				12.64	13.05	13.96		14.87	16.42		18
19	12.20	12.89				12.67	13.09	13.98		14.89	16.42		19
20	12.24	12.91				12.71	13.13	14.00	14.29		16.42		20
21	12.29	12.94				12.77	13.16	14.01	14.32		16.43		21
22	12.36	12.96				12.82	13.18	14.03	14.37		16.43		22
23	12.39	12.94				12.87	13.22	14.05			16.43		23
24	12.40	12.71				12.91	13.24	14.06			16.44		24
25	12.44	12.64				12.94	13.27	14.09		15.50	16.45		25
26	12.45	12.69				12.96	13.30	14.11	15.19	15.55	16.46		26
27	12.45					13.00	13.34	14.13	15.21	15.58	16.46		27
28	12.45			10.50		12.98	13.37	14.16	15.24	15.63	16.47		28
29	12.46		11.55	10.62		12.83	13.40	14.17		15.68	16.47		29
30	12.46		11.58	10.65		12.81	13.44			15.73	16.46		30
31	12.47		11.48		11.60		13.46			15.78			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	12.15					12.51	12.91						MEAN
INST MAX	11.78 (2)					11.40 (2)	12.42 (5)						INST MAX
INST MIN	12.48 (31)					13.01 (28)	13.46 (31)						INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF HALTON TOWNSHIP OF ESQUESING CONC. 1 LOT 26

OBSERVATION WELL 437

WELL REC #: 2800686
UTM CO-ORD: Z-17 E576800 N4828000
LAT & LONG: 43-36NORTH 80-03WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 1966
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 366 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: CLAY TILL 1.4; BEDROCK 15.3.

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 7.9 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 15.3 METRES

PUMP RATE: 0.3 L/S
SPEC. CAP: 0.009 L/S/M
AQUIFER : ROCK
QUALITY : FRESH

E - ESTIMATE

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0.57	1.06	0.88	-0.10	0.02	0.07	0.95 E	1.41 E	1.51 E	1.62 E	1.40 E	0.29 E	1
2	0.26	1.08	0.89	-0.10	0.05	0.13	0.96 E	1.32 E	1.49 E	1.63 E	1.29 E	0.36 E	2
3	0.27	1.09	0.85	-0.14	-0.01	0.18	0.99 E	1.34 E	1.50 E	1.63 E	1.25 E	0.39 E	3
4	0.33	1.08	0.47	-0.07	-0.03	0.24	1.01 E	1.38 E	1.52 E	1.63 E	1.25 E	0.41 E	4
5	0.40	1.09	-0.01	-0.07	0.01	0.27	1.04 E	1.40 E	1.54 E	1.59 E	1.26 E	0.41 E	5
6	0.43	1.11	-0.01	-0.10	-0.01	0.32 E	1.07 E	1.43 E	1.53 E	1.58 E	1.25 E	0.43 E	6
7	0.48	1.09	0.02	-0.07	0.0	0.37 E	1.10 E	1.44 E	1.55 E	1.54 E	1.25 E	0.45 E	7
8	0.53	1.12	0.01	-0.06	0.04	0.32 E	1.12 E	1.45 E	1.57 E	1.54 E	1.21 E	0.47 E	8
9	0.57	1.14	-0.01	-0.05	0.09	0.35 E	1.13 E	1.47 E	1.59 E	1.43 E	1.18 E	0.49 E	9
10	0.64	1.15	-0.03	-0.02	0.14	0.33 E	1.14 E	1.47 E	1.59 E	1.40 E	1.02 E	0.52 E	10
11		1.17	0.0	-0.01	0.18	0.24 E	1.16 E	1.49 E	1.60 E	1.38 E	0.99 E	0.52 E	11
12		1.17	0.05	-0.06	0.14	0.31 E	1.18 E	1.51 E	1.61 E	1.35 E	0.99 E	0.55 E	12
13		1.19	0.01	-0.17	-0.05	0.38 E	1.20 E	1.52 E	1.62 E	1.33 E	0.99 E	0.58 E	13
14		1.18	-0.18	-0.29	0.01	0.44 E	1.20 E	1.53 E	1.50 E	1.34 E	1.01 E	0.61 E	14
15		1.19	-0.13	-0.23	-0.10	0.49 E	1.22 E	1.55 E	1.20 E	1.34 E	1.02 E	0.65 E	15
16		1.23	-0.08	-0.18	-0.11	0.54 E	1.24 E	1.57 E	1.27 E	1.36 E	1.05 E	0.67 E	16
17		1.26	-0.06	-0.14	-0.04	0.58 E	1.26 E	1.58 E	1.32 E	1.37 E	1.05 E	0.72 E	17
18		1.25	-0.11	-0.10	0.02	0.66 E	1.27 E	1.58 E	1.35 E	1.38 E	1.07 E	0.76 E	18
19		1.25	-0.12	-0.07	0.07	0.71 E	1.28 E	1.59 E	1.39 E	1.37 E	1.10 E	0.79 E	19
20		1.25	-0.11	-0.04	0.11	0.75 E	1.30 E	1.60 E	1.41 E	1.36 E	1.11 E	0.84 E	20
21		1.24	-0.10	-0.02	0.16	0.78 E	1.32 E	1.61 E	1.44 E	1.35 E	1.12 E	0.87 E	21
22		1.27	-0.10	0.01	0.21	0.81 E	1.33 E	1.62 E	1.47 E	1.35 E	1.09 E	0.86 E	22
23	1.02	1.21	-0.10	0.04	0.23	0.85 E	1.35 E	1.61 E	1.50 E	1.33 E	0.97 E	0.62 E	23
24	1.00	1.06	-0.14	0.06	0.28	0.88 E	1.36 E	1.32 E	1.52 E	1.34 E	0.64 E	0.20 E	24
25	1.01	0.98	-0.18	0.07	0.24	0.92 E	1.36 E	1.35 E	1.54 E	1.37 E	0.50 E	-0.06 E	25
26	1.04	0.95	-0.12	0.06	0.01	0.95 E	1.36 E	1.40 E	1.56 E	1.38 E	0.27 E	-0.11 E	26
27	1.04	0.95	-0.05	-0.08	0.02	0.97 E	1.38 E	1.41 E	1.58 E	1.39 E	0.24 E	-0.05 E	27
28	1.03	0.92	-0.02	-0.03	-0.07	0.99 E	1.40 E	1.43 E	1.59 E	1.38 E	0.17 E	-0.01 E	28
29	1.05		-0.05	0.01	-0.06	1.00 E	1.41 E	1.44 E	1.60 E	1.41 E	0.19 E	0.01 E	29
30	1.06		-0.11	0.02	-0.05	0.99 E	1.42 E	1.46 E	1.61 E	1.42 E	0.24 E	0.02 E	30
31	1.06		-0.16		0.01		1.42 E	1.48 E		1.42 E		0.05 E	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		1.13	0.04	-0.06	0.05	0.56	1.22	1.48	1.50	1.43	0.94	0.43	MEAN
INST MAX		0.89 (28)	-0.22 (14)	-0.30 (14)	-0.16 (15)	0.04 (1)	0.95 (1)	1.28 (24)	1.18 (14)	1.33 (23)	0.16 (28)	-0.15 (26)	INST MAX
INST MIN		1.27 (22)	0.89 (1)	0.09 (26)	0.30 (25)	1.00 (30)	1.43 (31)	1.62 (22)	1.62 (14)	1.66 (4)	1.42 (1)	0.87 (22)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF HALTON TOWN OF GEORGETOWN CONC. - LOT -

OBSERVATION WELL 377

WELL REC #: 2804289
UTM CO-ORD: Z-17 E586240 N4832900
LAT & LONG: 43-39NORTH 79-56WEST

REC METHOD: A35 RECORDER
REC COMMCD: APR 26 1973
MEASURE PT: 0.6 METRES ABOVE GROUND SURFACE
GND ELEV: 262 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: RED CLAY, SAND AND GRAVEL 8.2; FINE SAND 24.4; COARSE SAND 33.2.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 26.5 METRES
LENGTH OF SCREEN: 6.7 METRES
DEPTH OF WELL: 33.2 METRES

PUMP RATE: 3.4 L/S
SPEC. CAP: N.A.
AQUIFER : COARSE SAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.96	3.05	3.13	2.64	1.82	1.35	1.43	1.67	1.93	2.16	2.48	2.74	1
2	2.95	3.05	3.13	2.70	1.79	1.34	1.43	1.64	1.92	2.09	2.48	2.75	2
3	2.96	3.06	3.12	2.85	1.66	1.34	1.44	1.66	1.92	2.18	2.50	2.75	3
4	2.97	3.06	3.10	2.64	1.67	1.33	1.44	1.66	1.92	2.18	2.51	2.75	4
5	2.98	3.06	3.07	2.65	1.62	1.32	1.44	1.66	1.92	2.19	2.52	2.75	5
6	2.98	3.07	3.04	2.77	1.60	1.34	1.47	1.66	1.93	2.20	2.53	2.76	6
7	2.98	3.07	3.10	2.58	1.58	1.34	1.46	1.67	2.05	2.20	2.54	2.83	7
8	2.98	2.92	3.03	2.51	1.57	1.36	1.50	1.68	2.00	2.21	2.55	2.79	8
9	2.99	3.02	3.01	2.48	1.55	1.35	1.48	1.69	2.00	2.23	2.56	2.79	9
10	3.11	3.04	2.99	2.46	1.54	1.34	1.46	1.70	2.00	2.24	2.57	2.78	10
11	3.03	3.06	2.97	2.46	1.53	1.39	1.45	1.71	2.02	2.24	2.58	2.80	11
12	3.02	3.07	2.96	2.40	1.53	1.37	1.46	1.71	2.01	2.25	2.59	2.80	12
13	3.02	3.07	2.96	2.36	1.50	1.54	1.45	1.81	2.01	2.26	2.60	2.81	13
14	3.02	3.08	2.91	2.25	1.49	1.39	1.46	1.75	1.99	2.28	2.64	2.89	14
15	3.03	3.08	2.91	2.18	1.48	1.36	1.48	1.74	2.00	2.29	2.62	2.84	15
16	3.03	3.08	2.88	2.15	1.45	1.35	1.56	1.74	2.02	2.30	2.71	2.84	16
17	3.03	3.09	2.87	2.11	1.48	1.34	1.53	1.74	2.22	2.31	2.66	2.93	17
18	3.03	3.09	2.85	2.07	1.45	1.40	1.62	1.75	2.08	2.32	2.66	2.88	18
19	3.04	3.09	2.83	2.07	1.43	1.84	1.98	1.75	2.07	2.33	2.67	2.87	19
20	3.04	3.21	2.98	2.00	1.42	1.81	2.01	1.77	2.07	2.33	2.67	2.86	20
21	3.04	3.14	2.86	1.95	1.42	1.66	1.98	1.77	2.08	2.34	2.67	2.89	21
22	3.06	3.13	2.87	1.92	1.41	1.47	1.95	2.17	2.08	2.35	2.69	2.88	22
23	3.04	3.12	2.86	1.89	1.39	1.43	1.97	1.89	2.09	2.35	2.69	2.87	23
24	3.03	3.12	2.78	1.92	1.39	1.59	1.85	1.87	2.10	2.40	2.70	2.85	24
25	3.04	3.11	2.74	1.83	1.37	1.62	1.71	1.84	2.10	2.40	2.70	2.79	25
26	3.04	3.12	2.72	1.78	1.35	1.84	1.66	1.84	2.12	2.41	2.69	2.75	26
27	3.04	3.12	2.77	1.75	1.35	1.55	1.72	1.84	2.13	2.42	2.70	2.74	27
28	3.04	3.15	2.72	1.73	1.35	1.47	1.67	1.85	2.13	2.42	2.70	2.74	28
29	3.04		2.75	1.71	1.35	1.44	1.69	1.85	2.14	2.44	2.71	2.73	29
30	3.05		2.69	1.84	1.56	1.43	1.82	1.86	2.15	2.46	2.74	2.73	30
31	3.05		2.65		1.38		1.71	2.07		2.46		2.73	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	3.02	3.08	2.91	2.22	1.50	1.46	1.62	1.77	2.04	2.30	2.62	2.80	MEAN
INST MAX	2.71 (1)	2.70 (8)	2.39 (31)	1.45 (30)	1.10 (30)	1.07 (4)	1.17 (12)	1.42 (13)	1.71 (7)	1.83 (2)	2.34 (12)	2.48 (29)	INST MAX
INST MIN	3.65 (23)	3.69 (20)	3.65 (15)	3.47 (6)	2.50 (1)	2.38 (26)	2.54 (23)	2.70 (31)	2.81 (17)	3.04 (24)	3.47 (30)	3.52 (17)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF HALTON

OBSERVATION WELL 374

TOWNSHIP OF TRAFALGAR CONC. 3 LOT 14

WELL REC #: 2803707
UTM CO-ORD: Z-17 E591175 N4818750
LAT & LONG: 43-31NORTH 79-52WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: SEP 29 1971
MEASURE PT: 0.7 METRES ABOVE GROUND SURFACE
GND ELEV: 201 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; VERY HARD CLAY TILL 2.1; GRAVEL AND SOME GREY CLAY 2.6; BROWNISH CLAY 3.5.

DIAMETER OF WELL: 10 CM
LENGTH OF CASING: 2.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : CLAY
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		1.26	1.53	0.48	0.66	0.65	1.26	1.40	1.76	1.79	1.74	0.88	1
2		1.28	1.53	0.44	0.68	0.67	1.27	1.41	1.76	1.79	1.75	0.88	2
3		1.29	1.52	0.39	0.70	0.69	1.27	1.42	1.76	1.79	1.75	0.87	3
4		1.30	1.50	0.36	0.70	0.72	1.28	1.42	1.76	1.80	1.75	0.87	4
5		1.31	1.45	0.34	0.70	0.75	1.29	1.43	1.76	1.81	1.76	0.87	5
6		1.32	1.39	0.31	0.70	0.78	1.29	1.45	1.77	1.81	1.77	0.86	6
7		1.32	1.29	0.29	0.70	0.82	1.30	1.46	1.77	1.82	1.77	0.87	7
8		1.33	1.17	0.28	0.70	0.85	1.31	1.48	1.78	1.82	1.77	0.87	8
9	0.78	1.35	1.08	0.27	0.70	0.88	1.31	1.49	1.79	1.83	1.77	0.88	9
10	0.81	1.36	0.97	0.26	0.72	0.91	1.32	1.50	1.79	1.83	1.76	0.89	10
11	0.83	1.38	0.92	0.25	0.73	0.92	1.32	1.52	1.80	1.82	1.74	0.90	11
12	0.86	1.39	0.89	0.23	0.75	0.94	1.33	1.54	1.81	1.81	1.68	0.91	12
13	0.89	1.40	0.85	0.21	0.77	0.95	1.34	1.55	1.81	1.80	1.64	0.93	13
14	0.91	1.41	0.81	0.21	0.79	0.97	1.34	1.57	1.82	1.79	1.60	0.95	14
15	0.93	1.42	0.79	0.22	0.80	0.99	1.35	1.59	1.82	1.77	1.57	0.96	15
16	0.96	1.43	0.79	0.25	0.73	1.01	1.35	1.61	1.83	1.76	1.54	0.98	16
17	0.99	1.44	0.78	0.28	0.66	1.02	1.36	1.62	1.82	1.75	1.53	0.99	17
18	1.01	1.46	0.78	0.31	0.62	1.04	1.36	1.64	1.81	1.75	1.52	1.02	18
19	1.04	1.47	0.78	0.34	0.60	1.07	1.37	1.65	1.80	1.74	1.52	1.04	19
20	1.06	1.48	0.78	0.37	0.60	1.09	1.37	1.67	1.79	1.73	1.52	1.05	20
21	1.08	1.49	0.78	0.41	0.60	1.11	1.36	1.68	1.78	1.73	1.52	1.07	21
22	1.09	1.49	0.78	0.45	0.62	1.13	1.36	1.70	1.78	1.72	1.52	1.10	22
23	1.11	1.50	0.76	0.49	0.64	1.15	1.36	1.71	1.78	1.72	1.52	1.11	23
24	1.15	1.51	0.73	0.52	0.66	1.17	1.35	1.72	1.78	1.72	1.52	1.12	24
25	1.16	1.52	0.69	0.55	0.68	1.20	1.35	1.73	1.78	1.72	1.44	0.99	25
26	1.18	1.53	0.65	0.59	0.70	1.22	1.34	1.74	1.78	1.72	1.22	0.76	26
27	1.20	1.53	0.62	0.61	0.67	1.24	1.35	1.75	1.78	1.73	1.07	0.63	27
28	1.20	1.53	0.61	0.61	0.65	1.26	1.35	1.75	1.78	1.73	0.97	0.57	28
29	1.21		0.61	0.62	0.64	1.26	1.36	1.76	1.78	1.74	0.92	0.54	29
30	1.23		0.59	0.64	0.63	1.26	1.37	1.76	1.78	1.74	0.89	0.53	30
31	1.25		0.53		0.64		1.38	1.76		1.74		0.52	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		1.41	0.93	0.39	0.68	0.99	1.33	1.60	1.79	1.77	1.53	0.88	MEAN
INST		1.25	0.51	0.21	0.60	0.64	1.26	1.39	1.76	1.72	0.88	0.52	INST
MAX		(1)	(31)	(13)	(20)	(1)	(1)	(1)	(2)	(24)	(30)	(31)	MAX
INST		1.53	1.53	0.65	0.81	1.26	1.39	1.76	1.83	1.83	1.77	1.12	INST
MIN		(28)	(1)	(30)	(15)	(29)	(31)	(30)	(16)	(10)	(7)	(24)	MIN

ENVIRONMENT ONTARIO
TORONTO
NORTHUMBERLAND COUNTY

OBSERVATION WELL 530

TOWNSHIP OF HOPE CONC. 3 LOT 26

WELL REC #: 1901998
UTM CO-ORD: Z-17 E707800 N4870500
LAT & LONG: 43-58 NORTH 78-25WEST

REC METHOD: A35 RECORDER
REC COMMCD: OCT. 25 1977
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 146 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: TOPSOIL 0.3; SANDY BROWN CLAY 3.7; GRAVELLY BROWN CLAY 6.9.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 6.9 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.90 METRES

PUMP RATE: 0.15 L/S
SPEC. CAP: N.A.
AQUIFER : GRAVELLY BROWN CLAY
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.66	1.97	2.24	1.17	1.18	1.68		2.60	2.77	2.93	2.31		1
2	1.54	1.98	2.24	0.97	1.22	1.70		2.60	2.77	2.94	2.30		2
3	1.54	1.98	2.24	0.81	1.20	1.72		2.60	2.78	2.95			3
4	1.58	1.98	2.18	0.90	0.96	1.74		2.60	2.79	2.95			4
5	1.64	1.99	1.98	0.73	1.01	1.76		2.60	2.80	2.96			5
6	1.69	2.02	1.85	0.63	1.06	1.80		2.60	2.81	2.95			6
7	1.73	2.02	1.81	0.80	1.02	1.82		2.60	2.82	2.91			7
8	1.76	2.03	1.71	0.88	1.09	1.85		2.61	2.84	2.86			8
9	1.81	2.06	1.62	0.94	1.17	1.87		2.62	2.85	2.81			9
10	1.85	2.07	1.40	0.98	1.24	1.88		2.62	2.86	2.74			10
11	1.88	2.09	1.43	0.98	1.29	1.89		2.63	2.87	2.68			11
12	1.89	2.10	1.58	1.01	1.32	1.88		2.64	2.88	2.64			12
13	1.91	2.11	1.66	1.03	1.29			2.65	2.89	2.60			13
14	1.90	2.12	1.43	0.76	1.27			2.65	2.89	2.57		1.40	14
15	1.93	2.13	1.47	0.72	1.31			2.67	2.89	2.54		1.44	15
16	1.95	2.15	1.59	0.83	1.33			2.68	2.87	2.53		1.46	16
17	1.96	2.17	1.67	0.91	1.37			2.70	2.85	2.52		1.49	17
18	1.97	2.18	1.70	1.00	1.41			2.70	2.83	2.51		1.52	18
19	1.99	2.19	1.66	1.07	1.44			2.71	2.82	2.50		1.55	19
20	1.99	2.20	1.63	1.12	1.47			2.72	2.82	2.48		1.59	20
21	1.98	2.21	1.60	1.16	1.50			2.73	2.82	2.46		1.62	21
22	2.00	2.24	1.59	1.18	1.53			2.74	2.83	2.44		1.64	22
23	2.04	2.25	1.56	1.22	1.56			2.75	2.84	2.41		1.59	23
24	2.04	2.26	1.46	1.25	1.58			2.76	2.86	2.39		1.37	24
25	2.03	2.27	1.33	1.27	1.60			2.76	2.87	2.38		0.92	25
26	2.03	2.25	1.31	1.28	1.58		2.56	2.76	2.89	2.37		0.86	26
27	2.02	2.24	1.37	1.11	1.56		2.57	2.77	2.90	2.36		0.96	27
28	1.99	2.24	1.42	1.03	1.57		2.58	2.77	2.91	2.34		1.03	28
29	1.98		1.42	1.08	1.59		2.59	2.77	2.92	2.33		1.07	29
30	1.98		1.39	1.14	1.62		2.60	2.77	2.93	2.33		1.07	30
31	1.97		1.23		1.65		2.60	2.77		2.32		1.11	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	1.88	2.12	1.64	1.00	1.35			2.68	2.85	2.60			MEAN
INST	1.53	1.96	1.18	0.56	0.96			2.60	2.77	2.31			INST
MAX	(2)	(1)	(31)	(6)	(4)			(5)	(1)	(31)			MAX
INST	2.05	2.27	2.25	1.28	1.66			2.77	2.93	2.96			INST
MIN	(24)	(25)	(3)	(26)	(31)			(29)	(30)	(5)			MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF PEEL TOWNSHIP OF ALBION CONC. 6 LOT 23

OBSERVATION WELL 253

WELL REC #: 4904160
UTM CO-ORD: Z-17 E594400 N4864030
LAT & LONG: 43-57NORTH 79-49WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: MAR 3 1970
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 275 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK SOIL 1.2; BROWN CLAY, SAND AND STONES 20.7; BROWN SAND AND A FEW STONES 19.8; GREY CLAY, STONES AND SAND 20.7; BROWNISH YELLOW SILT, CLAY 32.3; BLUE CLAY AND STONES 39.6; BROWNISH YELLOW SILT, CLAY 65.3; GREY HARDPAN 66.5.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 65.6 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 218 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : HARDPAN
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.14	13.04	13.10		12.75	12.65	12.67	12.76	12.87	12.94	13.01	13.02	1
2	13.09	13.04	13.10		12.74	12.65	12.67	12.77	12.87	12.95	13.02	13.02	2
3	13.03	13.04	13.10		12.74	12.65	12.67	12.77	12.87	12.95	13.02	13.02	3
4	13.02	13.04	13.10		12.74	12.64	12.67	12.78	12.87	12.95	13.02	13.02	4
5	13.02	13.05	13.10		12.73	12.64	12.68	12.79	12.88	12.95	13.02	13.02	5
6	13.02	13.05	13.10		12.73	12.64	12.68	12.79	12.88	12.96	13.03	13.02	6
7	13.02	13.05	13.10		12.72	12.64	12.68	12.79	12.88	12.96	13.03	13.02	7
8	13.02	13.05	13.09		12.72	12.64	12.68	12.79	12.88	12.96	13.02	13.02	8
9	13.02	13.05	13.09		12.72	12.64	12.68	12.80	12.89	12.96	13.02	13.02	9
10	13.02	13.06	13.09		12.71	12.64	12.69	12.81	12.89	12.96	13.02	13.02	10
11	13.02	13.06	13.09	12.89	12.71	12.64	12.69	12.81	12.89	12.97	13.02	13.02	11
12	13.02	13.06	13.09	12.88	12.70	12.64	12.70	12.81	12.90	12.97	13.02	13.02	12
13	13.02	13.06	13.08	12.88	12.70	12.64	12.69	12.81	12.90	12.97	13.02	13.02	13
14	13.02	13.07		12.87	12.70	12.64	12.70	12.81	12.90	12.97	13.02	13.02	14
15	13.02	13.07		12.86	12.69	12.64	12.70	12.82	12.90	12.97	13.02	13.02	15
16	13.02	13.07		12.85	12.69	12.64	12.70	12.82	12.90	12.97	13.02	13.02	16
17	13.02	13.08		12.84	12.69	12.64	12.70	12.83	12.91	12.97	13.02	13.02	17
18	13.02	13.08		12.83	12.68	12.64	12.71	12.83	12.91	12.97	13.02	13.02	18
19	13.02	13.09		12.82	12.68	12.64	12.71	12.83	12.91	12.98	13.02	13.02	19
20	13.02	13.09		12.81	12.68	12.65	12.72	12.84	12.91	12.98	13.02	13.01	20
21	13.03	13.09		12.80	12.67	12.65	12.72	12.84	12.91	12.98	13.02	13.02	21
22	13.03	13.09		12.79	12.67	12.65	12.73	12.84	12.92	12.98	13.02	13.01	22
23	13.03	13.09		12.79	12.67	12.65	12.73	12.85	12.92	12.98	13.02	13.01	23
24	13.03	13.09		12.78	12.67	12.65	12.74	12.85	12.93	12.98	13.02	13.01	24
25	13.03	13.09		12.78	12.66	12.65	12.74	12.86	12.93	12.99	13.02	13.01	25
26	13.03	13.09		12.77	12.66	12.66	12.75	12.86	12.93	12.99	13.02	13.01	26
27	13.03	13.10		12.77	12.66	12.66	12.75	12.86	12.93	12.99	13.02	13.00	27
28	13.03	13.10		12.76	12.66	12.66	12.75	12.86	12.93	12.99	13.02	13.00	28
29	13.03			12.76	12.66	12.66	12.75	12.87	12.94	13.00	13.02	12.99	29
30	13.04			12.75	12.65	12.67	12.76	12.87	12.94	13.00	13.02	12.99	30
31	13.04				12.65		12.76	12.87		13.01		12.99	31
						-MONTHLY SUMMARY-							
MEAN	13.03	13.07			12.69	12.65	12.71	12.82	12.90	12.97	13.02	13.01	MEAN
INST	13.02	13.04			12.65	12.64	12.67	12.76	12.87	12.94	13.01	12.99	INST
MAX	(8)	(1)			(31)	(8)	(1)	(1)	(1)	(1)	(1)	(31)	MAX
INST	13.17	13.10			13.30	13.29	13.28	12.87	12.94	13.01	13.03	13.02	INST
MIN	(1)	(28)			(6)	(1)	(1)	(31)	(30)	(31)	(7)	(7)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF PEEL TOWNSHIP OF CALEDON H.S.E. 5 LOT 8

OBSERVATION WELL 214

WELL REC #: 4900661
UTM CO-ORD: Z-17 E587990 N4858940
LAT & LONG: 43-53 NORTH 79-54 WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUL. 04 1965
MEASURE PT: 0.2 METRES ABOVE GROUND SURFACE
GND ELEV: 389 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: BROWN SOIL 5.5; COARSE SAND 7.9; SILTY CLAY WITH FINE SAND 9.2.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 9.2METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.2 METRES

PUMP RATE: 0.1 L/S
SPEC. CAP: N.A.
AQUIFER : COARSE SAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1						1.00	1.38	1.59	1.80	1.97			1
2						1.06	1.38	1.58	1.88	1.94			2
3						1.08	1.38	1.61	1.79	1.94			3
4						1.07	1.38	1.61	1.78	1.94			4
5						1.07	1.38	1.61	1.79	1.93			5
6						1.09		1.62	1.79	1.92		1.62	6
7						1.10		1.63	1.80	1.97		1.62	7
8						1.11	1.55	1.62	1.81		1.91	1.63	8
9					0.84	1.11	1.47	1.63	1.93		1.91	1.64	9
10					0.88	1.18	1.42	1.63	1.89		1.90	1.63	10
11					0.89	1.14	1.41	1.64	1.84		1.90	1.63	11
12					0.93	1.15	1.40	1.65	1.84		1.90	1.63	12
13					0.89	1.17	1.39	1.66	1.84		1.89		13
14					0.87	1.17	1.40	1.67	1.84		1.89		14
15					0.86	1.19	1.43	1.67	1.83		1.89		15
16					0.85	1.20	1.43	1.69	1.83		1.89		16
17					0.88	1.22	1.44	1.69	1.84		1.89		17
18					0.90	1.24	1.45	1.74	1.85	1.92	1.92		18
19					0.91	1.25	1.46	1.71	1.85	1.91	1.91		19
20					0.98	1.26	1.47	1.71	1.86	1.90	1.91		20
21					1.03	1.27	1.51	1.72	1.87	1.90	1.91		21
22					0.98	1.27	1.57	1.73	1.88	1.91	1.90		22
23					0.98	1.27	1.52	1.74	1.90	1.91	1.89		23
24					0.99	1.32	1.52	1.72	1.90	1.91	1.85		24
25					0.99	1.31	1.53	1.72	1.90	1.92	1.81		25
26					0.92	1.31	1.53	1.81	1.91	1.93	1.70		26
27					0.95	1.32	1.53	1.75	1.92	1.93	1.65		27
28					0.95	1.33	1.59	1.74	1.92	1.92	1.65		28
29					0.96	1.33	1.60	1.74	1.92	1.92			29
30					0.96	1.33	1.58	1.74	1.92	1.93			30
31					0.98		1.59	1.76					31
						-MONTHLY SUMMARY-							
MEAN						1.20		1.68	1.86				MEAN
INST						0.99		1.58	1.77				INST
MAX						(1)		(2)	(1)				MAX
INST						1.44		2.02	2.07				INST
MIN						(24)		(26)	(10)				MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 167

TOWNSHIP OF CHINGUACOUSY
CONC.HS# 5 LOT 5

WELL REC #: 4901999
UTM CO-ORD: Z-17 E596500 N4832160
LAT & LONG: 43-38NORTH 79-48WEST

REC METHOD: A35 RECORDER
REC COMMCD: DEC 15 1965
MEASURE PT: 1.4 METRES ABOVE GROUND SURFACE
GND ELEV: 206 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 2; BROWN CLAY, GRAVEL 7; SAND AND GRAVEL 17; CLAY AND GRAVEL 20.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 4.6 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 6.1 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : CLAY AND GRAVEL
QUALITY : FRESH

E - ESTIMATE

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		2.06	2.15		1.41	1.40	1.70	1.97	1.99	2.13	2.19	2.08	1
2		2.06	2.15		1.42	1.41	1.72	1.95	2.00	2.13	2.19	2.07	2
3		2.06	2.15		1.41	1.43	1.72	1.93	2.01	2.13	2.19	2.05	3
4		2.07	2.14		1.42	1.44	1.73	1.93	2.02	2.14	2.19	2.04	4
5		2.07	2.11		1.41	1.45	1.74	1.93	2.02	2.15	2.20	2.02 E	5
6		2.07	2.09		1.41	1.47	1.75	1.95	2.02	2.15	2.20	2.00 E	6
7		2.07	2.07		1.41	1.49	1.76	1.96	2.02	2.16	2.20	2.00 E	7
8		2.08	2.05		1.41	1.50	1.77	1.97	2.02	2.16	2.20	1.99 E	8
9		2.08	2.04		1.41	1.51	1.78	1.98	2.03	2.16	2.20	1.98 E	9
10		2.08	2.02		1.41	1.52	1.78	1.98	2.03	2.17	2.21	1.97 E	10
11		2.09	1.99		1.41	1.53	1.79	1.99	2.03	2.16	2.21	1.96 E	11
12		2.09	1.98		1.41	1.54	1.80	1.99	2.03	2.16	2.21	1.96 E	12
13		2.09	1.96		1.40	1.56	1.81	2.00	2.04	2.16	2.21	1.95 E	13
14		2.09	1.93		1.39	1.56	1.81	2.01	2.04	2.17	2.21	1.94 E	14
15		2.10	1.92	1.34	1.38	1.57	1.83	2.02	2.04	2.17	2.21	1.93 E	15
16		2.10	1.91	1.31	1.34	1.57	1.84	2.03	2.05	2.16	2.21	1.92 E	16
17		2.11	1.89	1.31	1.30	1.58	1.85	2.03	2.06	2.16	2.20	1.91 E	17
18		2.11	1.89	1.31	1.29	1.60	1.85	2.03	2.06	2.16	2.20	1.91 E	18
19		2.11	1.87	1.31	1.29	1.61	1.86	2.04	2.06	2.16	2.21	1.89 E	19
20		2.11	1.87	1.32	1.30	1.61	1.87	2.04	2.07	2.16	2.21	1.89 E	20
21		2.11	1.86	1.33	1.33	1.63	1.88	2.05	2.07	2.16	2.20	1.88 E	21
22		2.13	1.86	1.35	1.35	1.64	1.89	2.06	2.07	2.16	2.20	1.87 E	22
23		2.13	1.86	1.36	1.37	1.65	1.90	2.07	2.08	2.16	2.20	1.87 E	23
24	2.07	2.13	1.86	1.37	1.38	1.66	1.90	2.07	2.09	2.17	2.20	1.85 E	24
25	2.05	2.13	1.86	1.37	1.39	1.67	1.91	2.03	2.09	2.16	2.20	1.81 E	25
26	2.05	2.14	1.86	1.38	1.39	1.68	1.92	2.00	2.10	2.17	2.19	1.71 E	26
27	2.05	2.14	1.86	1.39	1.39	1.69	1.93	1.99	2.10	2.17	2.17	1.69 E	27
28	2.04	2.14		1.40	1.39	1.70	1.93	1.99	2.11	2.17	2.16	1.68 E	28
29	2.05			1.40	1.39	1.70	1.94	1.99	2.12	2.19	2.13	1.67 E	29
30	2.05			1.40	1.39	1.70	1.95	1.99	2.12	2.19	2.10	1.66 E	30
31	2.06				1.40		1.97	1.99		2.19		1.65 E	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN		2.10			1.38	1.57	1.83	2.00	2.05	2.16	2.19	1.90	MEAN
INST MAX		2.06 (1)			1.29 (18)	1.40 (1)	1.70 (1)	1.93 (5)	1.99 (1)	2.13 (1)	2.09 (30)	1.65 (31)	INST MAX
INST MIN		2.14 (28)			1.42 (4)	1.70 (30)	1.98 (31)	2.07 (23)	2.13 (30)	2.19 (31)	2.21 (15)	2.09 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF PEEL

OBSERVATION WELL 168

TOWNSHIP OF CHINGUACOUSY
HSE 2 LOT 15

WELL REC #: 4901205
UTM CO-ORD: Z-17 E597150 N4844050
LAT & LONG: 43-45NORTH 79-48WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAR 4 1966
MEASURE PT: 1.4 METRES ABOVE GROUND SURFACE
GND ELEV: 249 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; SANDY CLAY, ODD BIT OF GRAVEL 8.8; SAND, CLAY AND SOME GRAVEL 10.7; SAND AND GRAVEL 14.3; FINE SAND AND GRAVEL, ODD BIT OF CLAY 15.6; CLAY, SAND, GRAVEL 16.8; SAND, GRAVEL AND ODD BIT OF CLAY 22.3.

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 16.2 METRES
LENGTH OF SCREEN: 6.1 METRES
DEPTH OF WELL: 22.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7.12 E	7.17	7.08	6.56		6.00		6.25	6.35	6.43	6.53	6.65	1
2	7.13 E	7.19	7.10	6.51		6.00		6.24	6.33	6.43	6.55	6.68	2
3	7.10 E	7.18	7.07	6.56	6.09	5.98		6.27	6.35	6.44	6.56	6.64	3
4	7.08 E	7.15	7.04	6.49	6.12	5.98		6.27	6.37	6.46	6.59	6.61	4
5	7.08 E	7.18	7.04	6.46		5.99		6.27	6.36	6.43	6.58	6.56	5
6	7.10 E	7.19	7.01	6.48		6.01		6.28	6.32	6.43	6.55	6.59	6
7	7.12 E	7.14	7.00	6.53		6.01		6.26	6.36	6.45	6.57	6.60	7
8	7.14 E	7.17	6.99	6.45	6.08	6.02		6.28	6.38	6.48	6.55	6.68	8
9	7.13 E	7.19	6.97	6.41	6.08	6.02		6.29	6.38	6.47	6.55	6.65	9
10	7.11 E	7.18	6.93	6.46	6.07	5.98		6.24	6.35	6.48	6.58	6.65	10
11	7.11 E	7.19	6.90	6.46	6.07	6.01	6.13	6.29	6.38	6.46	6.62	6.63	11
12	7.12 E	7.15	6.91	6.40	6.07	6.03	6.14	6.30	6.38	6.44	6.62	6.67	12
13	7.17 E	7.17	6.85	6.37	6.07	6.05		6.29	6.35	6.49	6.59	6.68	13
14	7.19 E	7.14	6.84	6.34	6.07	6.04		6.29	6.34	6.52	6.60	6.69	14
15	7.12 E	7.13	6.88	6.34	6.07	6.02		6.32	6.39	6.50	6.57	6.67	15
16	7.12 E	7.16	6.84	6.34	6.09	6.02		6.32	6.41	6.52	6.61	6.65	16
17	7.17 E	7.21	6.82	6.33	6.07	6.00		6.31	6.40	6.52	6.58	6.69	17
18	7.14 E	7.16	6.78	6.32	6.04	6.04		6.28	6.37	6.53	6.62	6.69	18
19	7.14 E	7.13	6.76	6.29	6.02	6.07		6.31	6.41	6.49	6.63	6.68	19
20	7.19 E	7.12	6.73		6.02	6.05		6.32	6.40	6.49	6.64	6.72	20
21	7.20 E	7.09	6.72		6.03	6.01		6.32	6.39	6.50	6.63	6.69	21
22	7.18 E	7.15	6.69		6.05	6.01		6.32	6.43	6.51	6.60	6.67	22
23	7.15 E	7.11	6.65		6.01	6.04		6.30	6.44	6.49	6.60	6.67	23
24	7.09	7.14	6.61		6.00			6.31	6.43	6.50	6.64	6.66	24
25	7.11	7.13	6.63		5.99			6.34	6.42	6.54	6.63	6.65	25
26	7.15	7.08	6.65		5.99			6.35	6.44	6.55	6.56	6.69	26
27	7.13	7.08	6.67		6.01			6.33	6.44	6.53	6.63	6.69	27
28	7.11	7.09	6.62		6.01			6.33	6.42	6.50	6.61	6.69	28
29	7.15		6.59		6.02			6.32	6.44	6.56	6.62	6.65	29
30	7.17		6.57		6.02			6.35	6.44	6.58	6.64	6.62	30
31	7.15		6.57		6.02			6.37		6.55		6.62	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	7.13	7.15	6.82					6.30	6.39	6.49	6.59	6.66	MEAN
INST MAX	7.07 (24)	7.06 (21)	6.55 (31)					6.21 (2)	6.31 (6)	6.41 (5)	6.51 (1)	6.53 (5)	INST MAX
INST MIN	7.24 (14)	7.22 (17)	7.11 (2)					6.37 (31)	6.45 (23)	6.59 (30)	6.66 (24)	6.72 (20)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
PETERBOROUGH COUNTY

OBSERVATION WELL 553

TOWNSHIP OF CAVAN
CONC. 8 LOT 10

WELL REC #: 5109590
UTM CO-ORD: Z-17 E700745 N4896285
LAT & LONG: 78-29NORTH 44-11WEST

REC METHOD: A-35 RECORDER
REC COMMCD: NOV. 01 1979
MEASURE PT: 0.30 METRES ABOVE GROUND SURFACE
GND ELEV: 214 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: BROWN TOPSOIL & SAND 0.3: DENSE GREY CLAY 7.6: BROWN SAND 7.6.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 7.6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 7.6 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1												6.98	1
2											6.99	6.97	2
3											6.99	6.97	3
4											6.99	6.96	4
5											7.00	6.95	5
6											7.00	6.95	6
7											7.00	6.94	7
8											7.00	6.93	8
9											7.00	6.93	9
10											7.00	6.93	10
11											7.01	6.92	11
12											7.01	6.92	12
13											7.01	6.91	13
14											7.01	6.91	14
15											7.01	6.91	15
16											7.01	6.90	16
17											7.01	6.90	17
18											7.01	6.89	18
19											7.01	6.89	19
20											7.01	6.89	20
21											7.02	6.89	21
22											7.02	6.88	22
23											7.02	6.88	23
24											7.02	6.87	24
25											7.02	6.87	25
26											7.01	6.85	26
27											7.01	6.83	27
28											7.01	6.81	28
29											7.00	6.79	29
30											6.99	6.76	30
31												6.73	31
						-MONTHLY SUMMARY-							
MEAN												6.89	MEAN
INST MAX												6.72 (31)	INST MAX
INST MIN												6.98 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 529

TOWNSHIP OF INNISFIL
CONC. - LOT -

WELL REC #: 5715034
UTM CO-ORD: Z-17 E605145 N4912050
LAT & LONG: 44-22 NORTH 79-41WEST

REC METHOD: A71 RECORDER
REC COMMCD: APR 07 1976
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 264 METRES ABOVE SEA LEVEL
WELL TYPE: BORED
WELL LOG: SAND 7.3.

DIAMETER OF WELL: 76 CM 7.3 ME
LENGTH OF CASING: TRES NONE
LENGTH OF SCREEN:
DEPTH OF WELL: 7.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.13	5.18	5.24	4.85	4.75	4.83	4.90	5.04	5.10	5.16	5.14	5.14	1
2	5.13	5.18	5.24	4.84	4.76	4.83	4.90	5.04	5.10	5.17	5.15	5.14	2
3	5.13	5.18	5.24	4.83	4.76	4.84	4.90	5.04	5.11	5.16	5.15	5.14	3
4	5.13	5.18	5.24	4.82	4.76	4.84	4.90	5.04	5.11	5.17	5.15	5.13	4
5	5.13	5.18	5.23	4.82	4.76	4.85	4.90	5.05	5.11	5.17	5.15	5.13	5
6	5.12	5.18	5.21	4.81	4.76	4.85	4.91	5.05	5.11	5.17	5.15	5.12	6
7	5.12	5.19	5.19	4.81	4.76	4.86	4.92	5.05	5.12	5.17	5.15	5.12	7
8	5.12	5.19	5.18	4.80	4.76	4.87	4.92	5.05	5.12	5.17	5.15	5.12	8
9	5.12	5.19	5.18	4.79	4.77	4.87	4.92	5.06	5.12	5.17	5.15	5.12	9
10	5.12	5.19	5.17	4.79	4.77	4.88	4.93	5.06	5.12	5.17	5.15	5.12	10
11	5.12	5.19	5.16	4.79	4.77	4.88	4.93	5.06	5.13	5.17	5.15	5.12	11
12	5.12	5.20	5.15	4.79	4.77	4.89	4.94	5.06	5.13	5.17	5.15	5.12	12
13	5.12	5.21	5.15	4.78	4.77	4.90	4.95	5.06	5.13	5.17	5.16	5.12	13
14	5.12	5.22	5.14	4.78	4.77	4.90	4.95	5.06	5.13	5.17	5.16	5.12	14
15	5.13	5.23	5.12	4.78	4.78	4.90	4.96	5.06	5.13	5.17	5.16	5.12	15
16	5.13	5.22	5.12	4.77	4.78	4.90	4.96	5.07	5.13	5.17	5.16	5.12	16
17	5.13	5.22	5.12	4.77	4.78	4.91	4.97	5.07	5.13	5.17	5.16	5.12	17
18	5.13	5.23	5.12	4.76	4.78	4.91	4.97	5.07	5.13	5.17	5.17	5.12	18
19	5.13	5.23	5.11	4.76	4.78	4.92	4.97	5.07	5.14	5.16	5.17	5.13	19
20	5.14	5.23	5.10	4.76	4.78	4.92	4.98	5.08	5.15	5.17	5.18	5.13	20
21	5.13	5.23	5.08	4.76	4.78	4.92	4.98	5.08	5.15	5.17	5.18	5.13	21
22	5.14	5.24	5.07	4.75	4.79	4.92	4.99	5.08	5.15	5.16	5.18	5.13	22
23	5.15	5.24	5.05	4.75	4.80	4.92	5.00	5.08	5.15	5.15	5.19	5.13	23
24	5.15	5.24	5.02	4.75	4.80	4.92	5.00	5.09	5.15	5.15	5.19	5.12	24
25	5.15	5.24	4.98	4.75	4.80	4.92	5.00	5.09	5.15	5.15	5.18	5.10	25
26	5.15	5.24	4.95	4.75	4.80	4.92	5.00	5.09	5.16	5.15	5.17	5.08	26
27	5.15	5.24	4.92	4.75	4.80	4.92	5.01	5.09	5.16	5.15	5.16	5.06	27
28	5.15	5.24	4.90	4.75	4.81	4.92	5.01	5.09	5.16	5.15	5.15	5.06	28
29	5.16		4.88	4.75	4.81	4.92	5.02	5.09	5.16	5.15	5.15	5.05	29
30	5.17		4.87	4.75	4.82	4.91	5.02	5.09	5.16	5.15	5.14	5.04	30
31	5.18		4.86		4.82		5.02	5.09		5.14		5.04	31
						-MONTHLY SUMMARY-							
MEAN	5.14	5.21	5.10	4.78	4.78	4.89	4.96	5.07	5.13	5.16	5.16	5.11	MEAN
INST MAX	5.12 (11)	5.18 (1)	4.86 (31)	4.75 (24)	4.75 (1)	4.83 (1)	4.90 (1)	5.03 (1)	5.10 (1)	5.14 (31)	5.14 (30)	5.04 (31)	INST MAX
INST MIN	5.18 (31)	5.24 (24)	5.24 (4)	4.86 (1)	4.83 (31)	4.92 (21)	5.03 (31)	5.10 (31)	5.16 (30)	5.17 (10)	5.19 (22)	5.14 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 007

TOWNSHIP OF ESSA
CONC. 3 LOT 30

WELL REC #: 5708713
UTM CO-ORD: Z-17 E589850 N4907950
LAT & LONG: 44-19NORTH 79-5 WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUN 6 1950
MEASURE PT: 0.46 METRES ABOVE GROUND SURFACE
GND ELEV: 191 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 6.1.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 6.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 6.1 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : OVERBURDEN
QUALITY : FRESH

E - ESTIMATE

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3.72	4.02 E	4.09 E	3.12	2.80	2.88	3.10	3.36	3.58	3.75	3.70	3.47	1
2	3.72	4.03 E	4.08 E	3.10	2.80	2.89	3.11	3.36	3.59	3.76	3.68	3.46	2
3	3.72	4.05 E	4.06 E	3.08	2.80	2.89	3.12	3.37	3.59	3.76	3.68	3.44	3
4	3.71	4.06 E	4.05 E	3.06	2.80	2.90	3.13	3.38	3.60	3.77	3.67	3.42	4
5	3.71	4.07 E	4.02 E	3.04	2.80	2.91	3.14	3.39	3.61	3.78	3.66	3.40	5
6	3.71	4.09 E	3.94 E	3.03	2.79	2.92	3.15	3.40	3.61	3.79	3.65	3.38	6
7	3.71	4.10 E	3.89 E	3.02	2.79	2.93	3.16	3.41	3.62	3.79	3.64	3.36	7
8	3.71	4.11 E	3.86 E	3.00	2.79	2.93	3.16	3.42	3.63	3.78	3.64	3.34	8
9	3.71	4.13 E	3.83 E	2.99	2.79	2.94	3.17	3.42	3.63	3.78	3.63	3.32	9
10	3.71	4.15 E	3.80 E	2.97	2.79	2.95	3.18	3.43	3.64	3.78	3.63	3.30	10
11	3.72 E	4.17 E	3.77 E	2.96	2.79	2.96	3.18	3.44	3.65	3.78	3.62	3.28	11
12	3.73 E	4.19 E	3.75 E	2.95	2.79	2.97	3.19	3.44	3.65	3.78	3.62	3.25	12
13	3.75 E	4.21 E	3.72 E	2.94	2.79	2.97	3.20	3.44	3.66	3.78	3.61	3.23	13
14	3.76 E	4.22 E	3.69 E	2.92	2.79	2.98	3.20	3.44	3.67	3.78	3.61	3.21	14
15	3.78 E	4.21 E	3.66 E	2.91	2.79	2.99	3.21	3.45	3.67	3.78	3.60	3.19	15
16	3.79 E	4.20 E	3.63 E	2.90	2.80	3.00	3.22	3.45	3.68	3.77	3.60	3.17	16
17	3.81 E	4.19 E	3.59 E	2.88	2.80	3.01	3.23	3.46	3.68	3.77	3.59	3.15	17
18	3.82 E	4.18 E	3.56 E	2.87	2.79	3.02	3.24	3.46	3.69	3.77	3.59	3.14	18
19	3.84 E	4.17 E	3.53 E	2.86	2.79	3.03	3.25	3.47	3.69	3.77	3.59	3.13	19
20	3.86 E	4.16 E	3.50 E	2.86	2.79	3.03	3.26	3.48	3.70	3.77	3.59	3.13	20
21	3.87 E	4.15 E	3.47 E	2.85	2.80	3.04	3.27	3.49	3.71	3.78	3.58	3.12	21
22	3.88 E	4.14 E	3.44 E	2.84	2.81	3.05	3.28	3.50	3.71	3.78	3.58	3.11	22
23	3.90 E	4.13 E	3.41 E	2.84	2.82	3.05	3.29	3.51	3.71	3.77	3.58	3.10	23
24	3.91 E	4.13 E	3.37 E	2.83	2.83	3.06	3.30	3.52	3.72	3.76	3.57	3.10	24
25	3.92 E	4.12 E	3.33 E	2.82	2.84	3.07	3.31	3.52	3.73	3.75	3.57	3.08	25
26	3.94 E	4.11 E	3.29 E	2.82	2.84	3.07	3.31	3.53	3.73	3.75	3.55	3.07	26
27	3.95 E	4.10 E	3.25 E	2.81	2.85	3.08	3.32	3.54	3.73	3.75	3.54	3.06	27
28	3.96 E	4.09 E	3.21 E	2.81	2.85	3.09	3.32	3.55	3.74	3.74	3.53	3.05	28
29	3.98 E		3.19	2.81	2.86	3.09	3.33	3.56	3.74	3.73	3.51	3.04	29
30	3.99 E		3.16	2.81	2.87	3.10	3.34	3.57	3.75	3.72	3.50	3.03	30
31	4.01 E		3.14		2.88		3.35	3.57		3.71		3.02	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	3.82	4.13	3.62	2.92	2.81	2.99	3.23	3.46	3.67	3.77	3.60	3.21	MEAN
INST	3.71	4.01	3.13	2.80	2.79	2.88	3.10	3.35	3.58	3.70	3.48	3.02	INST
MAX	(4)	(1)	(31)	(30)	(10)	(1)	(1)	(1)	(1)	(31)	(30)	(31)	MAX
INST	4.01	4.22	4.09	3.13	2.88	3.10	3.35	3.58	3.75	3.79	3.70	3.48	INST
MIN	(31)	(14)	(1)	(1)	(31)	(30)	(31)	(31)	(30)	(7)	(1)	(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 552

TOWNSHIP OF VESPRA
CONC. 7 LOT 25

WELL REC #: 5714854
UTM CO-ORD: Z-17 E601300 N4913300
LAT & LONG: 44-22NORTH 79-44WEST

REC METHOD: A-35 RECORDER
REC COMMCD: OCT. 17 1979
MEASURE PT: 0.20 METRES ABOVE GROUND SURFACE
GND ELEV: 235 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK MUCK 0.9; LOOSE BROWN SAND 3.0; GREY CLAY 26.8; LAYERED GREY CLAY & SAND 31.4; PACKED GREY SAND 33.9; HARD GREY CLAY 41.5; LAYERED GREY CLAY & FINE SAND 46; PACKED GREY FINE SAND 48.8; HARD GREY CLAY 51.5; PACKED GREY FINE SAND 68.6; HARD GREY CLAY & SILT 77.2; LAYERED GREY CLAY & SAND 80.8; PACKED GREY FINE SAND & FINE GRAVEL 83.8; PACKED GREY CLAY & GRAVEL 85.4; CEMENTED SAND & GRAVEL 86.3; SAND & GRAVEL, BOULDERS 90; GREY SAND & SOME FINE GRAVEL 93.6; HARD PACKED GRAVEL WITH SAND & BOULDERS 103.1; HARD GREY CLAY 105.5.

DIAMETER OF WELL: 5 CM
LENGTH OF CASING: 100.6 METRES
LENGTH OF SCREEN: 3.1 METRES
DEPTH OF WELL: 103.7 METRES

PUMP RATE: 2.66 L/S
SPEC. CAP: 0.15 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1											8.97	9.13	1
2											8.98	8.95	2
3											8.98	8.84	3
4											8.97	8.97	4
5											8.93	9.00	5
6											8.69	8.92	6
7											8.41	9.12	7
8											8.50	9.35	8
9											8.80	9.24	9
10											9.31	9.23	10
11											9.45	9.39	11
12											9.62	9.56	12
13											9.65	9.48	13
14											9.40	9.33	14
15											9.06	9.33	15
16											8.95	8.91	16
17											9.32	8.82	17
18										9.82	9.41	8.82	18
19										9.85	9.35	8.56	19
20										9.71	9.27	8.31	20
21										9.39	9.31	8.26	21
22										9.33	9.32	8.30	22
23										9.07	9.13	8.33	23
24										9.00	8.97	8.32	24
25										8.99	8.67	8.25	25
26										9.01	8.55	8.23	26
27										8.97	8.80	8.24	27
28										8.72	8.83	8.13	28
29										8.41	8.91	8.08	29
30										8.55	8.98	8.03	30
31										8.84		8.13	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN											9.05	8.76	MEAN
INST											8.37	7.98	INST
MAX											(8)	(30)	MAX
INST											9.67	9.57	INST
MIN											(13)	(12)	MIN

ENVIRONMENT ONTARIO
TORONTO
SIMCOE COUNTY

OBSERVATION WELL 373

VILLAGE OF WASAGA BEACH CONC. - LOT -

WELL REC #: 5709214
UTM CO-ORD: Z-17 E578250 N4931025
LAT & LONG: 44-32NORTH 80-01WEST

REC METHOD: A35 RECORDER
REC COMMCD: OCT 31 1972
MEASURE PT: 0.9 METRES ABOVE GROUND SURFACE
GND ELEV: 180 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: FINE SAND 6.7; SAND AND GRAVEL 9.2; GREY CLAY 26.5; FINE SAND 28.3; CLAY 29.2; FINE SAND 30.8; MEDIUM SAND 36.3; SAND WITH STREAKS OF CLAY 39.7; CLAY AND SILT 51.2; FINESAND 51.9; MEDIUM SAND 54.9; SAND AND GRAVEL 59.2; GREY CLAY 61.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 51.9 METRES
LENGTH OF SCREEN: 7.3 METRES
DEPTH OF WELL: 59.2 METRES

PUMP RATE: 34.2 L/S
SPEC. CAP: 1.62 L/S/M
AQUIFER : SAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.68				1.42	1.46	1.52	1.61	1.53	1.51	1.53	1.47	1
2	1.66				1.46	1.45	1.50	1.58	1.52	1.54	1.44	1.46	2
3	1.60				1.44	1.48	1.49	1.58	1.52	1.51	1.46	1.36	3
4	1.56				1.40	1.48	1.49	1.62	1.52	1.50	1.49	1.36	4
5	1.60				1.42	1.46	1.48	1.63	1.51	1.48	1.51	1.41	5
6	1.62				1.48	1.49	1.51	1.64	1.46	1.48	1.51		6
7	1.64				1.49	1.51	1.54	1.58	1.48	1.45	1.47		7
8	1.64				1.44	1.48	1.58	1.54	1.51	1.52	1.41		8
9	1.62				1.43	1.49	1.58	1.58	1.51	1.51	1.48		9
10	1.65				1.44	1.47	1.54	1.52	1.46	1.50	1.47		10
11	1.68				1.44	1.42	1.54	1.53	1.51	1.51	1.52		11
12	1.69				1.41	1.44	1.55	1.57	1.52	1.48	1.50		12
13	1.70				1.43	1.45	1.56	1.51	1.49	1.46	1.49		13
14	1.61				1.43	1.47	1.58	1.40	1.43	1.49	1.49		14
15	1.61				1.42	1.45	1.60	1.47	1.45	1.48	1.47		15
16	1.65				1.42	1.48	1.60	1.52	1.49	1.53	1.49		16
17	1.67				1.46	1.50	1.61	1.52	1.46	1.51	1.44	1.44	17
18	1.66				1.45	1.49	1.60	1.50	1.40	1.53	1.52	1.50	18
19	1.71			1.46	1.49	1.53	1.61	1.51	1.46	1.54	1.55	1.57	19
20	1.71			1.46	1.50	1.56	1.62	1.52	1.45	1.50	1.48	1.57	20
21	1.66			1.46	1.49	1.52	1.65	1.53	1.44	1.49	1.55	1.57	21
22	1.63			1.45	1.48	1.44	1.68	1.55	1.48	1.51	1.55	1.54	22
23	1.70			1.47	1.47	1.44	1.69	1.54	1.51	1.48	1.50	1.52	23
24	1.71			1.47	1.45	1.48	1.68	1.49	1.52	1.44	1.47	1.54	24
25	1.65			1.46	1.45	1.49	1.65	1.47	1.48	1.46	1.51	1.51	25
26	1.64			1.43	1.44	1.50	1.59	1.51	1.48	1.48	1.48	1.47	26
27	1.66			1.39	1.44	1.48	1.60	1.49	1.51	1.52	1.41	1.45	27
28				1.45	1.44	1.50	1.60	1.49	1.49	1.46	1.40	1.41	28
29				1.44	1.44	1.51	1.62	1.49	1.51	1.49	1.42	1.40	29
30				1.46	1.45	1.51	1.64	1.48	1.50	1.56	1.41	1.42	30
31					1.46		1.61	1.52		1.60		1.44	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN					1.45	1.48	1.58	1.53	1.49	1.50	1.48		MEAN
INST					1.34	1.35	1.45	1.35	1.35	1.38	1.28		INST
MAX					(3)	(11)	(5)	(14)	:10)	(7)	(8)		MAX
INST					1.54	1.62	1.74	1.75	1.58	1.62	1.61		INST
MIN					(20)	(21)	(22)	(7)	(1)	(31)	(21)		MIN

ENVIRONMENT ONTARIO
TORONTO
VICTORIA COUNTY

OBSERVATION WELL 375

TOWNSHIP OF MARIPOSA CONC. 15 LOT 6

WELL REC #: 6403790
UTM CO-ORD: Z-17 E660200 N4917700
LAT & LONG: 44-24NORTH 78-59WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: NOV 9 1972
MEASURE PT: 0.93 METRES ABOVE GROUND SURFACE
GND ELEV: 283 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: PACKED BROWN CLAY AND STONES 2.4; LOOSE BROWN GRAVEL 5.5; LIMESTONE 11.6.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 5.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 11.6 METRES

PUMP RATE: 3 L/S
SPEC. CAP: 0.13 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				2.13	2.35	2.50	2.77		2.98	3.10	2.83	2.51	1
2				2.08	2.37	2.52	2.81		2.92	3.06	2.83	2.50	2
3				2.09	2.40	2.55	2.78		2.96	3.08	2.81	2.50	3
4				2.12	2.35	2.58	2.80		2.98	3.12	2.81	2.49	4
5				2.10	2.31	2.57	2.83		2.94	3.03	2.82	2.49	5
6	2.84			2.18	2.32	2.60	2.85		2.99	3.10	2.83	2.46	6
7	2.85		2.66	2.13	2.36		2.89		2.99	3.01	2.83	2.45	7
8	2.86	3.03	2.60		2.34	2.63	2.87		2.96	3.04	2.80	2.44	8
9	2.88	3.04	2.56			2.63	2.89		3.03	2.92	2.82	2.46	9
10	2.90		2.51		2.38	2.62			3.02	2.97	2.82	2.46	10
11	2.90		2.50	2.16	2.42	2.61			2.98	2.96	2.79	2.44	11
12	2.92		2.49	2.18	2.37	2.62			3.06	2.93	2.79	2.39	12
13	2.92		2.48	2.14	2.35	2.65			3.04	2.88	2.79	2.41	13
14	2.93		2.37	2.15	2.36	2.67			2.97	2.94	2.80	2.42	14
15	2.93		2.36	2.11	2.33	2.69			3.01	2.92	2.80	2.41	15
16	2.95		2.37	2.18	2.28	2.76			3.00	2.92		2.40	16
17	2.95		2.34	2.16	2.35	2.70			2.97	2.93		2.42	17
18			2.30	2.20	2.32	2.83				2.94		2.42	18
19			2.27	2.20	2.39	2.76				2.91		2.43	19
20			2.22	2.22	2.35	2.87			3.06	2.89		2.44	20
21			2.17	2.24	2.40	2.76			2.98	2.85	2.77	2.44	21
22			2.12	2.24	2.40	2.77		2.91	3.04	2.86	2.76	2.39	22
23			2.06	2.28	2.43	2.82		2.98	2.99	2.87	2.72	2.25	23
24			2.01	2.25	2.42	2.77		2.87	3.05	2.86	2.68	2.18	24
25			1.99	2.33	2.44	2.83			3.01	2.82	2.69	2.09	25
26			2.05	2.28	2.42	2.85		2.92		2.83	2.61	2.11	26
27			2.10	2.30	2.44	2.91		2.91	3.07	2.84	2.61	2.10	27
28			2.12	2.27	2.46	2.92		2.91	3.02	2.84	2.55	2.14	28
29			2.13	2.35	2.45	2.82		2.93	3.07	2.83	2.51	2.16	29
30			2.10	2.33	2.46	2.82			3.03	2.83	2.52	2.16	30
31			2.09		2.47			2.90		2.80		2.17	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN										2.93		2.36	MEAN
INST										2.77		2.00	INST
MAX										(31)		(27)	MAX
INST										3.22		2.60	INST
MIN										(2)		(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 528

TOWNSHIP OF E. GWILLIMBURY CONC. 5 LOT 26

WELL REC #: 6900491
UTM CO-ORD: Z-17 E627759 N4891917
LAT & LONG: 44-10 NORTH 79-24 WEST

REC METHOD: A71 RECORDER
REC COMMCD: NOV. 30 1976
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 252 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: QUICKSAND 5.3.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 5.3 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 5.3 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : QUICKSAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.13	2.14				1.26	1.68	2.00	2.14	2.18	2.11	1.89	1
2	2.07	2.14				1.29	1.68	2.01	2.14	2.18	2.11	1.88	2
3	2.03	2.14				1.31	1.69	2.02	2.15	2.18	2.10	1.88	3
4	2.01	2.15				1.33	1.70	2.03	2.15	2.18	2.10	1.88	4
5	2.01	2.15			1.41	1.35	1.72	2.03	2.15	2.18	2.11	1.88	5
6	2.00	2.15			1.42	1.37	1.73	2.04	2.15	2.18	2.10	1.88	6
7	2.01	2.16			1.40	1.39	1.74	2.05	2.16	2.18	2.10	1.88	7
8	2.01	2.16			1.41	1.38	1.75	2.06	2.17	2.18	2.10	1.88	8
9	2.02	2.16			1.44	1.36	1.76	2.07	2.17	2.18	2.10	1.88	9
10	2.04	2.17			1.41	1.38	1.77	2.07	2.17	2.17	2.10	1.88	10
11	2.05	2.17			1.09	1.37	1.78	2.07	2.18	2.16	2.09	1.87	11
12	2.06	2.17			1.06	1.39	1.79	2.07	2.18	2.16	2.09	1.87	12
13	2.07	2.18			0.87	1.42	1.80	2.07	2.18	2.15	2.09	1.87	13
14	2.08	2.19			0.93	1.44	1.81	2.08	2.18	2.15	2.09	1.87	14
15	2.09	2.19			0.91	1.46	1.82	2.08	2.18	2.15	2.08	1.87	15
16	2.10	2.19			0.94	1.48	1.84	2.09	2.18	2.15	2.09	1.87	16
17	2.10	2.19			1.02	1.50	1.84	2.09	2.17	2.15	2.08	1.87	17
18	2.11	2.19			1.07	1.53	1.85	2.10	2.17	2.15	2.08	1.87	18
19	2.12	2.19			1.10	1.55	1.86	2.10	2.17	2.15	2.09	1.88	19
20	2.13	2.17			1.13	1.57	1.88	2.11	2.17	2.15	2.09	1.88	20
21	2.13	2.14			1.15	1.58	1.89	2.12	2.17	2.14	2.09	1.88	21
22	2.13	2.14			1.17	1.59	1.90	2.13	2.17	2.14	2.09	1.88	22
23	2.14	2.13			1.19	1.60	1.92	2.14	2.17	2.13	2.08	1.88	23
24	2.15	1.84			1.21	1.61	1.93	2.14	2.17	2.13	2.07	1.84	24
25	2.13				1.22	1.62	1.94	2.14	2.17	2.12	2.05	1.77	25
26	2.12				1.09	1.62	1.95	2.13	2.17	2.12	2.02	1.65	26
27	2.11				1.13	1.64	1.96	2.12	2.17	2.12	1.99	1.60	27
28	2.12				1.18	1.66	1.97	2.12	2.17	2.11	1.96	1.59	28
29	2.12				1.21	1.67	1.98	2.12	2.18	2.11	1.93	1.59	29
30	2.13				1.21	1.68	1.98	2.13	2.18	2.11	1.90	1.60	30
31	2.13				1.23		1.99	2.13		2.11		1.60	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	2.09					1.48	1.84	2.09	2.17	2.15	2.07	1.82	MEAN
INST	2.00					1.25	1.68	2.00	2.14	2.11	1.89	1.59	INST
MAX	(6)					(1)	(1)	(1)	(1)	(29)	(30)	(28)	MAX
INST	2.15					1.68	2.00	2.14	2.18	2.18	2.11	1.89	INST
MIN	(1)					(30)	(31)	(24)	(13)	(3)	(1)	(1)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 527

TOWNSHIP OF GEORGINA CONC. 7 LOT 17

WELL REC #: 6913678
UTM CO-ORD: Z-17 E630200 N4903450
LAT & LONG: 44-17 NORTH 79-22 WEST

REC METHOD: A71 RECORDER
REC COMMCD: NOV. 30 1976
MEASURE PT: 0.3 METRES ABOVE GROUND SURFACE
GND ELEV: 223 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN 3.80.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 3.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 3.8 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : OVERBURDEN
QUALITY : N.A.

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.99	2.99	3.00	1.48	1.41	1.78	2.60	2.99	3.11	3.23	3.03	2.62	1
2	2.96	2.99	3.00	1.45	1.43	1.82	2.61	2.99	3.12	3.24	3.02	2.62	2
3		3.00	2.99	1.43	1.43	1.86	2.62	3.00	3.12	3.24	3.02	2.62	3
4	2.86	3.00	2.92	1.42	1.41	1.90	2.63	3.01	3.12	3.24	3.01	2.61	4
5	2.85	3.00	2.74	1.40	1.42	1.94	2.66	3.01	3.13	3.24	3.01	2.60	5
6	2.84	3.01	2.54	1.39	1.44	1.99	2.68	3.02	3.14	3.23	3.00	2.60	6
7	2.84	3.01	2.40	1.41	1.43	2.03	2.70	3.03	3.14	3.23	2.99	2.59	7
8	2.85	3.02	2.27	1.40	1.44	2.07	2.72	3.03	3.15	3.23	2.99	2.59	8
9	2.86	3.02	2.18	1.40	1.48	2.09	2.73	3.04	3.16	3.22	2.98	2.59	9
10	2.87	3.02	2.08	1.43	1.51	2.10	2.75	3.03	3.16	3.21	2.97	2.59	10
11	2.90	3.03	2.04	1.41	1.53	2.11	2.76	3.03	3.16	3.21	2.97	2.59	11
12	2.91		2.03	1.37	1.54	2.13	2.78	3.03	3.16	3.19	2.96	2.58	12
13	2.92		2.03	1.35	1.45	2.15	2.80	3.03	3.17	3.18	2.96	2.58	13
14	2.93		1.89	1.29	1.38	2.18	2.81	3.03	3.16	3.18	2.95	2.57	14
15	2.94		1.80	1.24	1.38	2.21	2.82	3.04	3.16	3.17	2.95	2.57	15
16	2.95		1.78	1.23	1.37	2.24	2.83	3.04	3.17	3.16	2.94	2.57	16
17	2.96		1.80	1.24	1.40	2.28	2.85	3.05	3.17	3.16	2.94	2.58	17
18	2.96		1.76	1.27	1.44	2.32	2.86	3.05	3.17	3.15	2.94	2.59	18
19	2.97		1.71	1.29	1.48	2.36	2.88	3.05	3.18	3.14	2.93	2.60	19
20	2.97	3.08	1.68	1.32	1.53	2.40	2.89	3.06	3.18	3.13	2.93	2.61	20
21	2.97	3.09	1.66	1.34	1.57	2.42	2.91	3.07	3.19	3.12	2.93	2.62	21
22	2.98	3.10	1.63	1.37	1.61	2.44	2.92	3.07	3.19	3.11	2.92	2.62	22
23	2.99	3.10	1.60	1.39	1.64	2.45	2.93	3.08	3.20	3.10	2.90	2.58	23
24	3.00	3.09	1.55	1.41	1.68	2.47	2.94	3.07	3.20	3.09	2.88	2.49	24
25	3.00	3.06	1.51	1.43	1.71	2.50	2.95	3.08	3.21	3.08	2.85	2.34	25
26	3.00	3.04	1.48	1.44	1.67	2.53	2.96	3.08	3.21	3.08	2.80	2.16	26
27	3.00	3.02	1.49	1.41	1.64	2.55	2.96	3.08	3.22	3.07	2.76	2.04	27
28	2.99	3.01	1.50	1.39	1.66	2.57	2.97	3.09	3.22	3.06	2.71	2.00	28
29	2.99		1.50	1.39	1.68	2.59	2.97	3.09	3.23	3.05	2.67	1.98	29
30	2.99		1.50	1.40	1.71	2.60	2.98	3.10	3.23	3.04	2.64	1.96	30
31	2.99		1.48		1.75		2.99	3.10		3.04		1.97	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN			1.99	1.37	1.52	2.24	2.82	3.05	3.17	3.16	2.92	2.47	MEAN
INST			1.48	1.23	1.37	1.77	2.60	2.99	3.11	3.04	2.63	1.96	INST
MAX			(26)	(16)	(16)	(1)	(1)	(1)	(1)	(31)	(30)	(30)	MAX
INST			3.01	1.48	1.77	2.60	2.99	3.11	3.23	3.24	3.04	2.63	INST
MIN			(1)	(1)	(31)	(30)	(31)	(31)	(30)	(4)	(1)	(22)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 342

TOWNSHIP OF KING
OS 2 LOT 19

WELL REC #: 6902665
UTM CO-ORD: Z-17 E616574 N4884788
LAT & LONG: 44-07NORTH 79-33WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 26 1971
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: CLAY 12.2; LIGHT SAND AND CLAY 62.5; HEAVY RED SAND 70.5; QUICKSAND AND GRAVEL 93.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 91.2 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 92.1 METRES

PUMP RATE: 5.7 L/S
SPEC. CAP: 0.02 L/S/M
AQUIFER : SAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10.52	10.83		11.26	11.40	11.52	11.96	12.96	11.14		12.53	12.42	1
2	10.69	10.66	11.24	11.23	11.37	11.66	11.73	12.92	11.11		12.52	12.31	2
3	10.74	10.55	11.14	11.35	11.26	11.65	11.93	12.99	11.01		12.57	12.40	3
4	10.90	10.50	10.95	11.32	11.25	11.65	12.13	13.03	11.00		12.40	12.42	4
5	11.05	10.44	11.07	11.20	11.26	11.56	12.13	13.05	10.99	12.40	12.43	12.33	5
6	10.94	10.29	11.12	11.21	11.11	11.49	12.34	12.99	10.93	12.24	12.48	12.41	6
7	10.85	10.17	11.16	11.31	11.42	11.63	12.38	12.67	10.96	12.07	12.48	12.35	7
8	10.88	10.17	11.20	11.24	10.77	11.64		12.11	11.01	12.04	12.39	12.50	8
9	10.91	10.48	11.29	11.13	10.56	11.78		12.00	10.95	12.20	12.40	12.28	9
10	11.01	10.61	11.24	11.53	10.47	11.83		11.94	10.83	12.26	12.35	12.29	10
11	10.97	10.59	11.12	11.55	10.65	11.70			10.86	12.33	12.34	12.39	11
12	10.98	10.72	11.17	11.51	10.95	11.53			10.81	12.48	12.38	12.54	12
13	10.90	10.87	11.26	11.51	10.93	11.67			10.77	12.43	12.39	12.39	13
14	10.76	11.05	11.46	11.24	10.96	11.92			10.97	12.21	12.52	12.39	14
15	10.86	11.04	11.41	11.10	11.05	12.20			11.60	12.25	12.42	12.30	15
16	11.06	11.12	11.29	11.07	11.08	12.16				12.38	12.53	12.06	16
17	11.01	11.03	11.24	11.25	11.23	11.89				12.45	12.33	12.18	17
18	11.20	10.80	11.03	11.21	11.32	11.45				12.52	12.33	12.23	18
19	11.30	10.97	10.98	11.38	11.41	11.87				12.47	12.49	12.32	19
20	11.22	11.35	11.01	11.39	11.31	12.12				12.47	12.56	12.37	20
21	11.00	11.13	11.27	11.32	11.11	12.17	12.95			12.36	12.58	12.33	21
22	11.07	11.27	11.51	11.36	11.15	12.12	12.98			12.48	12.58	12.43	22
23	11.30	11.28	11.38	11.33	11.10	11.90	12.98			12.46	12.59	12.15	23
24	11.21	11.32	11.24	11.31	11.37	11.78				12.41	12.62	12.22	24
25	11.19	11.03	11.08	11.26	11.31	12.00	13.12			12.37	12.55	11.93	25
26	11.32	11.08	11.09	11.46	11.19	12.20	12.93			12.52	12.42	11.84	26
27	11.42	11.21	11.29	11.39	11.18	12.33		11.19		12.54	12.49	11.98	27
28	11.22	11.23	11.22	11.42	11.20	12.27	12.98	11.23		12.32	12.36	12.20	28
29	11.27		11.32	11.40	11.21	12.70	12.92	11.18		12.33	12.45	12.04	29
30	11.35		11.38	11.54	11.11	12.29	12.94	11.14		12.48	12.38	11.94	30
31	11.34		11.37		11.47		13.02			12.49		11.97	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	11.05	10.85		11.33	11.13	11.89					12.46	12.26	MEAN
INST	9.98	9.68		10.42	9.89	10.76					11.60	11.16	INST
MAX	(2)	(8)		(16)	(11)	(1)					(18)	(26)	MAX
INST	11.69	11.63		12.02	11.94	12.73					13.00	12.91	INST
MIN	(27)	(24)		(30)	(31)	(30)					(24)	(12)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 343

TOWNSHIP OF KING
CONC. 3 LOT 9

WELL REC #: 6910967
UTM CO-ORD: Z-17 E615075 N4880425
LAT & LONG: 44-04NORTH 79-34WEST

REC METHOD: A35 RECORDER
REC COMMCD: MAY 26 1971
MEASURE PT: 0.8 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: PEAT (MUCK) 3.5.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 3.5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 3.5 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : PEAT
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.49	1.43	1.57	1.09	1.06	1.15	1.49	1.65	1.59	1.64	1.33	1.14	1
2	1.45	1.43	1.55	1.09	1.05	1.16	1.50	1.66	1.60	1.65	1.33	1.14	2
3	1.42	1.44	1.45	1.08	1.05	1.17	1.51	1.65	1.60	1.66	1.32	1.15	3
4	1.41	1.44	0.73	1.08	1.04	1.18	1.51	1.66	1.60	1.66	1.32	1.16	4
5	1.40	1.45	0.34	1.08	1.04	1.13	1.52	1.65	1.61	1.66	1.32	1.17	5
6	1.40	1.46	0.54	1.06	1.04	1.16	1.53	1.65	1.61	1.65	1.32	1.17	6
7	1.40	1.47		1.05	1.03	1.18	1.54	1.66	1.62	1.63	1.31	1.18	7
8	1.40	1.47		1.05	1.03	1.20	1.55	1.66	1.62	1.61	1.31	1.18	8
9	1.40	1.47		1.04	1.04	1.22	1.56	1.66	1.64	1.58	1.32	1.18	9
10	1.41	1.48		1.04	1.05	1.24	1.57	1.65	1.64	1.54	1.31	1.19	10
11	1.41	1.48		1.04	1.05	1.25	1.58	1.64	1.65	1.51	1.30	1.19	11
12	1.42	1.51		1.05	1.04	1.26	1.58	1.61	1.66	1.48	1.30	1.19	12
13	1.43	1.52		1.05	0.99	1.27	1.57	1.58	1.67	1.46	1.30	1.19	13
14	1.45	1.53	0.84	1.03	0.95	1.28	1.57	1.56	1.66	1.43	1.30	1.20	14
15	1.45	1.54	0.83	0.97	0.96	1.30	1.56	1.55	1.64	1.42	1.29	1.20	15
16	1.47	1.55		0.97	0.95	1.31	1.55	1.55	1.61	1.40	1.30	1.20	16
17	1.48	1.55	0.97	0.98	0.95	1.32	1.54	1.56	1.60	1.39	1.30	1.21	17
18	1.49	1.55	0.99	0.98	0.96	1.34	1.54	1.56	1.58	1.38	1.30	1.21	18
19	1.50	1.59	1.01	1.00	0.98	1.35	1.54	1.56	1.57	1.38	1.30	1.22	19
20	1.51	1.61	1.03	1.01	1.00	1.37	1.54	1.57	1.57	1.37	1.30	1.23	20
21	1.51	1.62	1.05	1.03	1.03	1.38	1.55	1.57	1.57	1.36	1.30	1.24	21
22	1.53	1.62	1.07	1.04	1.04	1.39	1.55	1.58	1.57	1.35	1.30	1.25	22
23	1.54	1.63	1.08	1.05	1.07	1.40	1.55	1.59	1.57	1.35	1.29	1.24	23
24	1.54	1.63	1.09	1.06	1.09	1.42	1.57	1.59	1.57	1.34	1.27	1.20	24
25	1.52	1.61	1.06	1.07	1.11	1.43	1.58	1.59	1.58	1.34	1.24	1.08	25
26	1.48	1.60	1.02	1.07	1.12	1.44	1.59	1.58	1.59	1.34	1.21	0.95	26
27	1.46	1.59	1.03	1.07	1.12	1.46	1.60	1.58	1.60	1.34	1.18	0.96	27
28	1.44	1.58	1.05	1.07	1.11	1.47	1.61	1.58	1.61	1.34	1.15	0.98	28
29	1.43		1.07	1.06	1.12	1.48	1.62	1.58	1.62	1.33	1.14	0.99	29
30	1.43		1.08	1.06	1.12	1.49	1.64	1.58	1.63	1.33	1.13	1.01	30
31	1.43		1.08		1.14		1.64	1.58		1.33		1.03	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	1.45	1.53		1.04	1.04	1.31	1.56	1.60	1.61	1.46	1.28	1.15	MEAN
INST	1.40	1.43		0.96	0.95	1.12	1.49	1.55	1.57	1.33	1.13	0.95	INST
MAX	(6)	(2)		(15)	(16)	(5)	(1)	(16)	(22)	(31)	(29)	(26)	MAX
INST	1.55	1.63		1.09	1.14	1.49	1.65	1.67	1.67	1.66	1.33	1.25	INST
MIN	(24)	(23)		(2)	(31)	(30)	(31)	(9)	(13)	(5)	(1)	(22)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 106

TOWNSHIP OF MARKHAM CONC. 3 LOT 6

WELL REC #: 6911674
UTM CO-ORD: Z-17 E632292 N4854345
LAT & LONG: 43-50NORTH 79-21WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: SEP 15 1963
MEASURE PT: 0.3 METRES ABOVE GROUND SURFACE
GND ELEV: 185 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SANDY CLAY, GRAVEL 12.2; DIRTY SILT 12.3; DIRTY SAND ANDGRAVEL 18.3; SAND AND GRAVEL 21.3; SAND, GRAVEL AND BOULDERS 26; FINE SAND 30.2; HARD PACKED SAND, GRAVEL 31.7.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 26.4 METRES
LENGTH OF SCREEN: 5.3 METRES
DEPTH OF WELL: 31.7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	13.74	13.65	13.67	13.61		13.38	13.43	13.51	13.52	13.51	13.40	13.31	1
2	13.74	13.68	13.69	13.56		13.38	13.44	13.50		13.50	13.39	13.33	2
3	13.75	13.66	13.67	13.60		13.37	13.47	13.52		13.50	13.39	13.32	3
4	13.75	13.63	13.63	13.56		13.36	13.46	13.52		13.51	13.41	13.27	4
5	13.76		13.64			13.37	13.48	13.52		13.50	13.42	13.23	5
6	13.73		13.63			13.39	13.49	13.52	13.49	13.48		13.23	6
7	13.71	13.68	13.62			13.40	13.49	13.51	13.52	13.47		13.23	7
8	13.70	13.70	13.62			13.40	13.49	13.52	13.55	13.51		13.28	8
9	13.72	13.73	13.62		13.38	13.41	13.47	13.53	13.55	13.50	13.40	13.29	9
10	13.74	13.72	13.61		13.37	13.37	13.46	13.49	13.52	13.51	13.41	13.26	10
11	13.75	13.74	13.61		13.37	13.39	13.47	13.52	13.55	13.48	13.45	13.23	11
12	13.73	13.71	13.62		13.37	13.42	13.48	13.54	13.55	13.45	13.45	13.24	12
13	13.68	13.72	13.60		13.38	13.44	13.47	13.53	13.52	13.47	13.41	13.27	13
14	13.68	13.71	13.58		13.38	13.43	13.47	13.52	13.49	13.50	13.40	13.25	14
15	13.75	13.69	13.66		13.38	13.41	13.48	13.55	13.52	13.48	13.38	13.24	15
16	13.74	13.72	13.66		13.41	13.40	13.50	13.56	13.54	13.48	13.39	13.21	16
17	13.68	13.77	13.66		13.41	13.40	13.51	13.54	13.52	13.48	13.37	13.26	17
18	13.73	13.74	13.64		13.37	13.43	13.51	13.52	13.49	13.48	13.38	13.25	18
19	13.72	13.69	13.63		13.35	13.46	13.51	13.53	13.51	13.45	13.39	13.24	19
20	13.65	13.69	13.62		13.35	13.45	13.51	13.55	13.51	13.43	13.39	13.27	20
21	13.62	13.66	13.62		13.36	13.42	13.51	13.55	13.50	13.43	13.40	13.27	21
22	13.69	13.72	13.63		13.39	13.41	13.51	13.54	13.51	13.43	13.36	13.24	22
23	13.71	13.69	13.59		13.37	13.43	13.52	13.52	13.54	13.40	13.34	13.23	23
24	13.64	13.70	13.56		13.36	13.46	13.52	13.52	13.54	13.40	13.35	13.22	24
25	13.64	13.70	13.57		13.35	13.48	13.50	13.53	13.51	13.42	13.36	13.20	25
26	13.67	13.66	13.62		13.34	13.47	13.50	13.55	13.52	13.44	13.29	13.23	26
27	13.64	13.66	13.65		13.36	13.44	13.52	13.53	13.52	13.43	13.33	13.23	27
28	13.62	13.68	13.65		13.37	13.45	13.52	13.52	13.51	13.38	13.30	13.23	28
29	13.64		13.60		13.38	13.44	13.52	13.50	13.51	13.42	13.30	13.21	29
30	13.65		13.60		13.38	13.43	13.52	13.51	13.51	13.45	13.29	13.18	30
31	13.64		13.59		13.39		13.51	13.54		13.44		13.19	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	13.70		13.62			13.42	13.49	13.53		13.46		13.25	MEAN
INST	13.61		13.56			13.35	13.42	13.48		13.38		13.18	INST
MAX	(21)		(25)			(10)	(1)	(10)		(28)		(30)	MAX
INST	13.76		13.70			13.48	13.53	13.57		13.52		13.35	INST
MIN	(5)		(2)			(25)	(30)	(16)		(8)		(3)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 305

TOWNSHIP OF MARKHAM CONC. 9 LOT 26

WELL REC #: 6910969
UTM CO-ORD: Z-17 E642160 N4866300
LAT & LONG: 43-56NORTH 79-14WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: JUNE 1970
MEASURE PT: 0.2 METRES ABOVE GROUND SURFACE
GND ELEV: 237 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: OVERBURDEN TILL 6.1.

DIAMETER OF WELL: 122 CM
LENGTH OF CASING: 6.1 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 20 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : TILL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.10	1.27		0.66	0.66	1.07	1.15	1.61	1.64	1.62	0.84	0.41	1
2	1.06	1.27		0.59	0.67	1.12	1.09	1.61		1.62	0.89	0.48	2
3		1.28	1.32	0.57	0.66	1.17	1.14	1.60		1.60	0.93	0.57	3
4	1.09	1.28	1.28	0.63	0.60	1.23	1.21	1.60		1.59	0.95	0.63	4
5	1.10		1.17	0.62	0.64	1.27	1.24	1.61		1.46	0.96	0.64	5
6	1.16		1.07	0.55	0.67	1.31	1.26	1.62	1.64	1.29	0.98	0.63	6
7	1.24		1.03	0.59	0.67	1.33	1.33	1.62	1.65	1.18	1.03	0.62	7
8	1.26		1.02	0.60	0.70	1.31	1.36	1.62	1.65	1.12	1.06	0.59	8
9	1.28		1.02	0.60	0.73	1.27	1.37	1.62	1.65	1.09	1.08	0.62	9
10	1.30		0.99	0.61	0.78	1.26	1.40	1.62	1.66	0.89	0.78	0.65	10
11	1.31		0.99	0.58	0.81	1.24	1.40	1.62	1.66	0.86	0.63	0.64	11
12	1.34		1.02	0.58	0.83	1.24	1.43	1.63	1.66	0.82	0.64	0.59	12
13	1.36		1.10	0.59	0.77	1.25	1.46	1.63	1.66	0.69	0.70	0.60	13
14	1.34		0.99	0.45	0.76	1.29	1.48	1.64	1.58	0.64	0.76	0.64	14
15	1.34		1.02	0.51	0.78	1.31	1.50	1.65	1.36	0.67	0.80	0.69	15
16	1.34		1.08	0.56	0.77	1.32	1.46	1.65	1.37	0.76	0.78	0.72	16
17	1.34		1.11	0.60	0.79	1.34	1.46	1.66	1.43	0.84	0.80	0.86	17
18	1.34		1.06	0.63	0.81	1.36	1.47	1.65	1.48	0.91	0.90	1.02	18
19	1.34		1.02	0.66	0.84	1.38	1.49	1.65	1.51	0.90	0.92	1.13	19
20	1.34		1.00	0.67	0.88	1.40	1.51	1.66	1.54	0.91	0.89	1.20	20
21	1.34		0.98	0.69	0.91	1.40	1.53	1.66	1.56	0.93	0.87	1.24	21
22	1.34		0.97	0.70	0.96	1.40	1.54	1.67	1.57	0.76	0.66	1.24	22
23	1.34		0.94	0.72	1.02	1.40	1.51	1.66	1.58	0.58	0.38	1.09	23
24	1.34		0.90	0.76	1.07	1.40	1.53	1.63	1.59	0.51	0.35	0.93	24
25	1.33		0.81	0.81	1.11	1.42	1.55	1.63	1.60	0.52	0.37	0.58	25
26	1.31		0.79	0.83	1.09	1.44	1.57	1.63	1.60	0.57	0.32	0.60	26
27	1.29		0.83	0.59	1.08	1.43	1.57	1.63	1.61	0.62	0.29	0.73	27
28	1.28		0.86	0.60	1.09	1.44	1.58	1.63	1.61	0.71	0.29	0.81	28
29	1.27		0.86	0.63	1.08	1.41	1.59	1.63	1.62	0.79	0.31	0.86	29
30	1.27		0.78	0.64	1.04	1.33	1.60	1.63	1.62	0.79	0.34	0.88	30
31	1.27		0.66		1.04		1.61	1.64		0.79		0.90	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN				0.63	0.85	1.32	1.43	1.63		0.94	0.72	0.77	MEAN
INST				0.43	0.57	1.05	1.08	1.59		0.50	0.29	0.38	INST
MAX				(14)	(4)	(1)	(2)	(3)		(24)	(28)	(1)	MAX
INST				0.85	1.12	1.44	1.62	1.67		1.62	1.10	1.26	INST
MIN				(26)	(26)	(28)	(31)	(23)		(2)	(9)	(22)	MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK

OBSERVATION WELL 398

TOWNSHIP OF MARKHAM CONC. 5 LOT 14

WELL REC #: 6911700
UTM CO-ORD: 7-17 E635300 N4858600
LAT & LONG: 43-52NORTH 79-19WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: SEP 30 1973
MEASURE PT: 0.8 METRES ABOVE GROUND SURFACE
GND ELEV: 177 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN TOPSOIL 0.3; BROWN SAND 4.6; BLUE SANDY CLAY 14.3; BLUE CLAY, SAND AND GRAVEL 20.4; GREY SAND AND GRAVEL 22.2.

DIAMETER OF WELL: 13 CM
LENGTH OF CASING: 21 METRES
LENGTH OF SCREEN: 1.2 METRES
DEPTH OF WELL: 22.2 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5.29	5.50		5.42	5.51	5.60		5.51					1
2	5.31	5.51		5.36	5.53	5.60		5.47					2
3	5.41	5.52	5.40	5.31	5.50	5.61		5.49					3
4	5.45	5.55	5.16	5.37	5.45	5.62		5.50					4
5	5.50		4.92	5.36	5.48	5.62		5.51					5
6	5.53		5.01	5.30	5.52	5.63		5.51					6
7	5.56		5.13	5.37	5.52	5.61	5.57	5.50					7
8	5.57		5.11	5.39	5.54	5.60	5.58	5.50					8
9	5.59		5.10	5.41	5.57		5.56	5.51					9
10	5.61		5.08	5.45	5.61		5.52	5.49					10
11	5.63		5.18	5.43	5.63		5.48	5.49					11
12	5.62		5.30	5.40	5.64		5.49	5.50					12
13	5.60		5.32	5.42	5.61		5.47	5.50					13
14	5.58		4.95	5.19	5.61		5.49	5.50					14
15	5.61		5.20	5.22	5.60		5.49	5.52					15
16	5.61		5.32	5.31	5.54		5.35	5.52					16
17	5.61		5.36	5.37	5.59		5.39	5.51					17
18	5.65		5.28	5.43	5.62		5.43	5.48					18
19	5.62		5.25	5.46	5.64		5.45	5.48					19
20	5.59		5.29	5.49	5.67		5.47	5.49					20
21	5.57		5.31	5.51	5.68		5.49	5.50					21
22	5.62		5.33	5.53	5.72		5.51	5.51					22
23	5.63		5.34	5.57	5.72		5.54	5.50					23
24	5.52		5.34	5.58	5.73		5.58						24
25	5.39		5.25	5.59	5.72		5.56						25
26	5.38		5.35	5.59	5.65		5.52						26
27	5.37		5.46	5.42	5.66		5.54						27
28	5.39		5.50	5.42	5.68		5.53						28
29	5.42		5.50	5.46	5.63		5.52						29
30	5.44		5.45	5.49	5.58		5.53						30
31	5.46		5.38		5.59		5.51						31
						-MONTHLY SUMMARY-							
MEAN	5.52			5.42	5.60								MEAN
INST MAX	5.23 (1)			5.13 (14)	5.43 (4)								INST MAX
INST MIN	5.66 (18)			5.60 (25)	5.74 (25)								INST MIN

ENVIRONMENT ONTARIO
TORONTO
METROPOLITAN TORONTO

OBSERVATION WELL 090

BOROUGH OF NORTH YORK CONC. - LOT -

WELL REC #: 6905098
UTM CO-ORD: 7-17 E626320 N4845890
LAT & LONG: 43-46NORTH 79-26WEST

REC METHOD: A35 RECORDER
REC COMMCD: APR 7 1961
MEASURE PT: 0.3 METRES ABOVE GROUND SURFACE
GND ELEV: 145 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SOIL AND SAND 0.9; SAND AND GRAVEL 4; SAND, GRAVEL AND SOME CLAY 12.2; PACKED SAND, CLAY 17.1; SAND, GRAVEL AND CLAY 18; CONGLOMERATE, SOME CLAY 22; CEMENTED GRAVEL 22.9; CEMENTED GRAVEL CLAY, 25.3; SAND, GRAVEL AND CLAY 127; GRAVEL AND SOME CLAY 132; SAND AND GRAVEL 150.

DIAMETER OF WELL: 41 CM
LENGTH OF CASING: 40 METRES
LENGTH OF SCREEN: 4.6 METRES
DEPTH OF WELL: 44.6 METRES

PUMP RATE: 82.5 L/S
SPEC. CAP: 0.45 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

E - ESTIMATE

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	1.08 E	1.01 E		1.05	0.98	0.96	0.89	1.12	1.09	1.10	1.10	1.06	1
2	1.05 E	1.07 E		0.94	1.02	0.95	0.92	1.16	1.07	1.08	1.10	1.11	2
3	1.07 E	1.14 E	1.12	1.02	0.91	0.92	0.99	1.11	1.07	1.07	1.10	1.10	3
4	1.15 E	1.11 E	1.03	1.01	0.92	0.88	0.99	1.09	1.10	1.08	1.13	1.05	4
5	1.21 E	1.06 E	1.03	0.88	0.95	0.87	1.04	1.09	1.10	1.06	1.14	0.99	5
6	1.19 E	1.13 E	1.01	0.87	0.94	0.92	1.10	1.07	1.05	1.05	1.10	0.98	6
7	1.14 E	1.14 E	1.00	1.03	0.95	0.93	1.09	1.09	1.08	1.04	1.10	0.99	7
8	1.08 E	1.04 E	1.00	1.00	0.92	0.95	1.11	1.10	1.12	1.09	1.07	1.06	8
9	1.09 E	1.11 E	1.02	0.87	0.91	0.97	1.15	1.05	1.13	1.08	1.06	1.09	9
10	1.13 E	1.17 E	0.97	0.97	0.92	0.89	1.19	1.14	1.10	1.10	1.05	1.09	10
11	1.20 E	1.19 E	0.96	1.08	0.91	0.89	1.19	1.09	1.13	1.08	1.11	1.05	11
12	1.22 E	1.24 E	1.02	1.04	0.91	0.96	1.18	1.05	1.13	1.04	1.13	1.07	12
13	1.15 E	1.23 E	1.00	0.97	0.92	1.01	1.19	1.06	1.10	1.07	1.10	1.11	13
14	0.95 E	1.22 E	0.89	0.88	0.94	1.02	1.20	1.10	1.06	1.12	1.10	1.11	14
15	1.04 E	1.21 E	1.08	0.87	0.95	0.98	1.19	1.04	1.11	1.11	1.07	1.11	15
16	1.16 E	1.20 E	1.12	0.92	1.01	0.95	1.14	0.98	1.13	1.13	1.09	1.07	16
17	1.18 E	1.23 E	1.13	0.98	1.05	0.91	1.10	1.00	1.13	1.13	1.06	1.12	17
18	1.06 E	1.30 E	1.11	1.02	1.00	0.96	1.10	1.07	1.10	1.15	1.07	1.11	18
19	1.22 E	1.30 E	1.10	1.04	0.94	1.04	1.10	1.06	1.12	1.11	1.09	1.10	19
20	1.12 E	1.31 E	1.06	1.03	0.90	1.04	1.10	1.02	1.12	1.09	1.10	1.15	20
21	0.96 E	1.31 E	1.05	1.01	0.90	0.96	1.11	1.02	1.10	1.09	1.12	1.14	21
22	0.86 E		1.04	1.02	0.98	0.91	1.12	1.02	1.13	1.09	1.08	1.10	22
23	1.03 E		0.93	1.04	0.94	0.95	1.10	1.05	1.16	1.05	1.06	1.08	23
24	1.05 E		0.82	1.01	0.90	1.00	1.11	1.05	1.16	1.05	1.08	1.06	24
25	0.89 E		0.84	0.94	0.85	1.06	1.15	1.07	1.14	1.08	1.09	1.02	25
26	0.96 E		0.93	0.87	0.81	1.06	1.18	1.09	1.14	1.12	1.00	1.07	26
27	1.01 E		1.06	0.84	0.84	1.00	1.13	1.07	1.14	1.12	1.04	1.10	27
28	0.97 E		1.09	0.91	0.88	1.00	1.15	1.07	1.12	1.06	1.01	1.11	28
29	0.94 E		1.00	0.96	0.90	0.97	1.12	1.05	1.12	1.10	1.02	1.09	29
30	1.01 E		1.01	0.95	0.94	0.91	1.11	1.07	1.11	1.15	1.03	1.07	30
31	1.05 E		0.99		0.97		1.15	1.10		1.14		1.08	31
						-MONTHLY SUMMARY-							
MEAN	1.07			0.97	0.93	0.96	1.11	1.07	1.11	1.09	1.08	1.08	MEAN
INST MAX	0.83 (22)			0.81 (6)	0.80 (26)	0.82 (10)	0.89 (1)	0.97 (16)	1.04 (6)	1.03 (7)	0.99 (26)	0.97 (5)	INST MAX
INST MIN	1.24 (19)			1.09 (11)	1.07 (17)	1.08 (26)	1.21 (10)	1.19 (2)	1.17 (23)	1.15 (18)	1.15 (5)	1.16 (20)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REGIONAL MUNICIPALITY OF YORK TOWNSHIP OF WHITCHURCH CONC. 6 LOT 27

OBSERVATION WELL 340

WELL REC #: 6910965
UTM CO-ORD: Z-17 E632050 N4878700
LAT & LONG: 44-04NORTH 79-21WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: MAY 26 1971
MEASURE PT: 0.6 METRES ABOVE GROUND SURFACE
GND ELEV: 206 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: TOPSOIL 1.4: SAND 8.8.

DIAMETER OF WELL: 122 CM
LENGTH OF CASING: 8.8 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 8.8 METRES

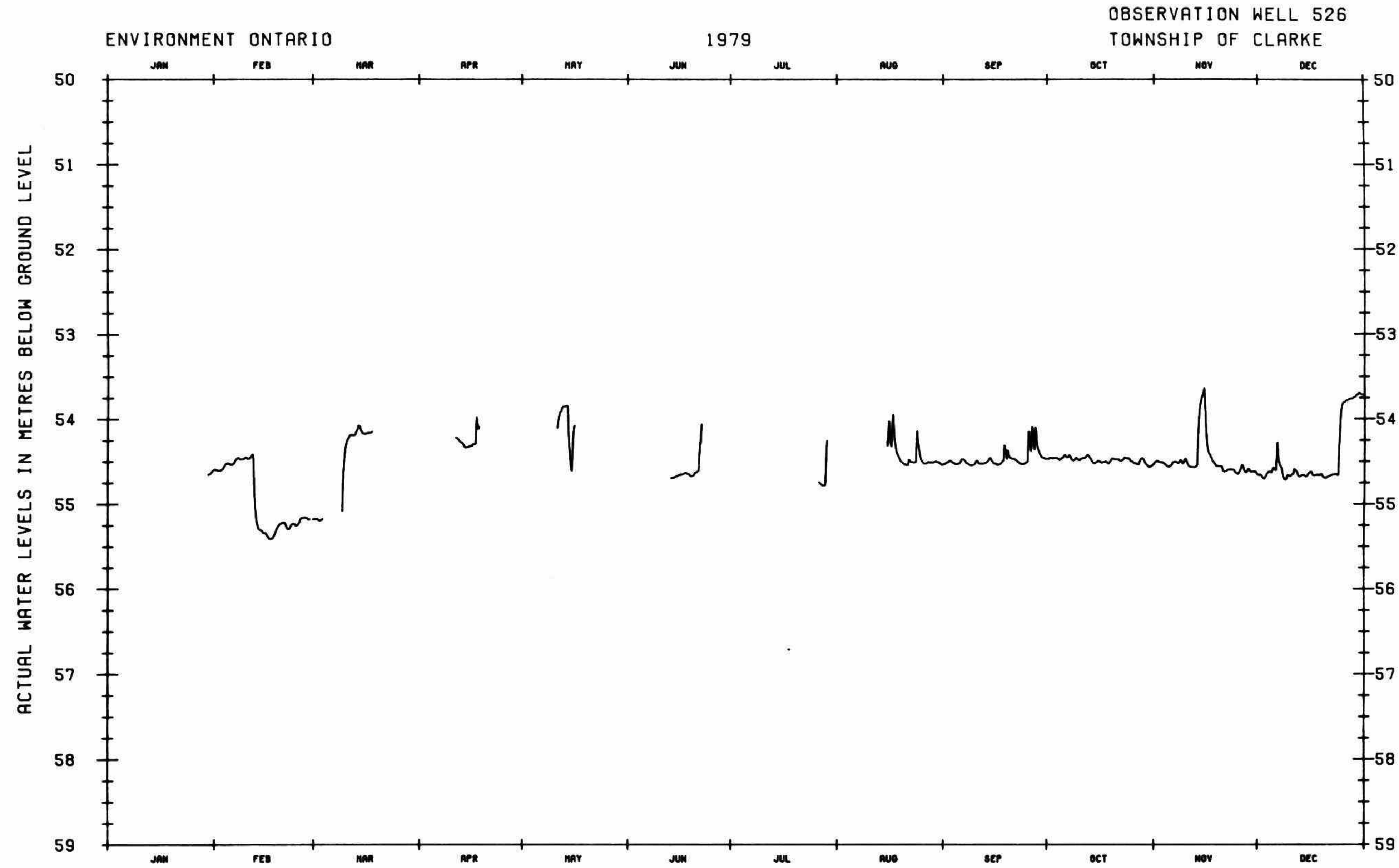
PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SAND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		6.22	6.02			5.03	5.72	6.24	6.32	6.33	5.92	5.00	1
2		6.25	6.07			5.04	5.73	6.25	6.31	6.33	5.90	5.00	2
3		6.28	5.89			5.06	5.76	6.26	6.31	6.33	5.89	5.01	3
4	5.39	6.29	2.06	4.90		5.08	5.78	6.27	6.31	6.34	5.88	5.00	4
5	5.50			4.83	4.49	5.12	5.81	6.28	6.32	6.34	5.87	4.99	5
6	5.57			4.80	4.51	5.18	5.84	6.29	6.32	6.33	5.88	5.01	6
7	5.61	6.05		4.84	4.52	5.23	5.86	6.30	6.32	6.32	5.87	5.05	7
8	5.63	6.05		4.83	4.53	5.25	5.89	6.31	6.32	6.31		5.09	8
9	5.64	6.07			4.58	5.26	5.90	6.32	6.33	6.30		5.11	9
10	5.64	6.08			4.55	5.24	5.92	6.32	6.34	6.29	5.83	5.10	10
11	5.64	6.09			4.25	5.21	5.93	6.33	6.35	6.27	5.84	5.08	11
12	5.64	6.11			4.28	5.21	5.94	6.33	6.35	6.25	5.84	5.08	12
13	5.64	6.13			4.31	5.21	5.96	6.33	6.36	6.22	5.83	5.10	13
14	5.64	6.15			4.27	5.22	5.97	6.33	6.35	6.20	5.82	5.09	14
15	5.65	6.16			4.27	5.23	5.98	6.33	6.35	6.17	5.81	5.09	15
16	5.66	6.18			4.22	5.25	6.00	6.33	6.34	6.15	5.80	5.08	16
17	5.66	6.19			4.19	5.28	6.02	6.34	6.34	6.12	5.79	5.12	17
18	5.67	6.20			4.22	5.33	6.03	6.35	6.32	6.10	5.79	5.15	18
19	5.67	6.21			4.30	5.39	6.05	6.36	6.31	6.08	5.79	5.18	19
20	5.68	6.21			4.41	5.43	6.06	6.36	6.30	6.05	5.80	5.23	20
21	5.68	6.21			4.52	5.46	6.08	6.36	6.29	6.02	5.80	5.27	21
22	5.69	6.22			4.64	5.48	6.09	6.37	6.29	5.99	5.79	5.29	22
23	5.69	6.17			4.72	5.51	6.11	6.38	6.29	5.98	5.78	5.30	23
24	5.55	5.45			4.79	5.55	6.12	6.38	6.30	5.96	5.76	5.25	24
25	5.43	5.68			4.85	5.59	6.14	6.39	6.30	5.94	5.72	4.92	25
26	5.78	5.83			4.90	5.62	6.15	6.39	6.30	5.94	5.62		26
27	5.96	5.91			4.93	5.65	6.16	6.38	6.31	5.94	5.48		27
28	6.04	5.98			4.96	5.67	6.18	6.37	6.32	5.94	5.32		28
29	6.11				5.00	5.69	6.20	6.35	6.32	5.92	5.16	4.08	29
30	6.16				5.03	5.70	6.21	6.34	6.32	5.91	5.05	4.13	30
31	6.20				5.04		6.23	6.33		5.91		4.19	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN						5.34	5.99	6.33	6.32	6.14			MEAN
INST MAX						5.03 (1)	5.71 (1)	6.23 (1)	6.29 (21)	5.91 (30)			INST MAX
INST MIN						5.71 (30)	6.23 (31)	6.39 (26)	6.36 (14)	6.34 (4)			INST MIN


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 526
TOWNSHIP OF CLARKE
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
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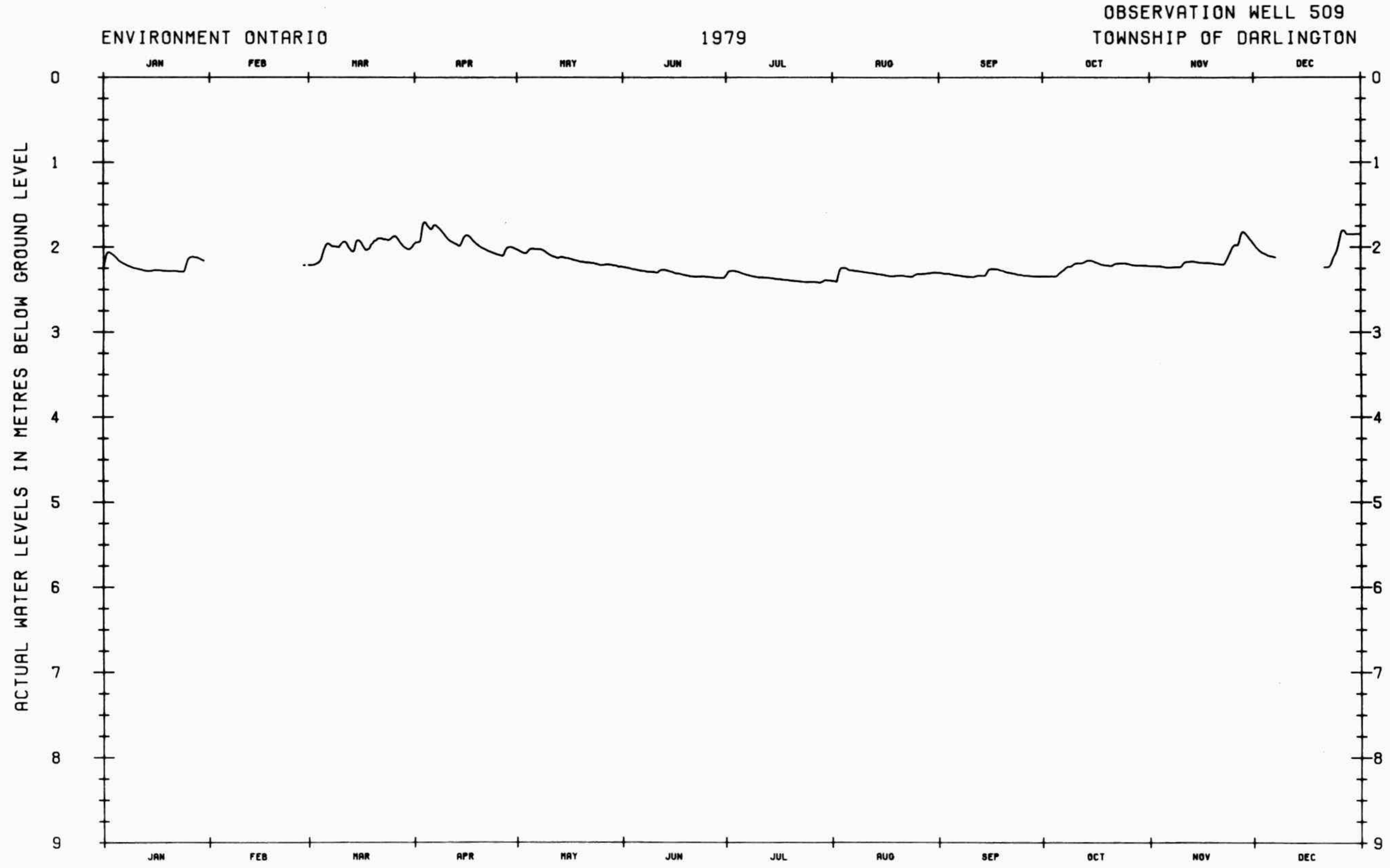
ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 509
TOWNSHIP OF DARLINGTON
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
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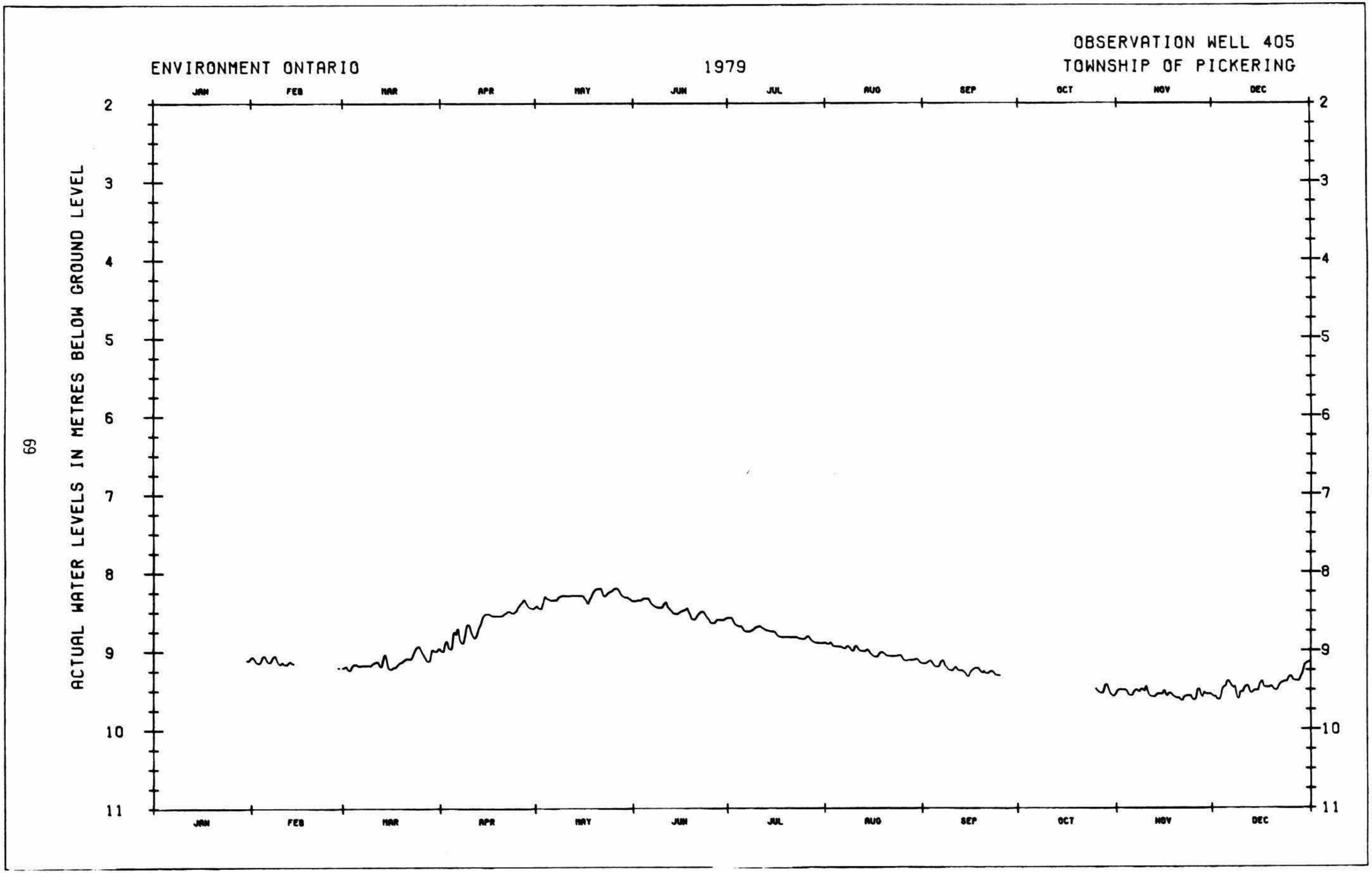
OBSERVATION WELL 405
TOWNSHIP OF PICKERING
ENVIRONMENT ONTARIO
1979
JAN
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ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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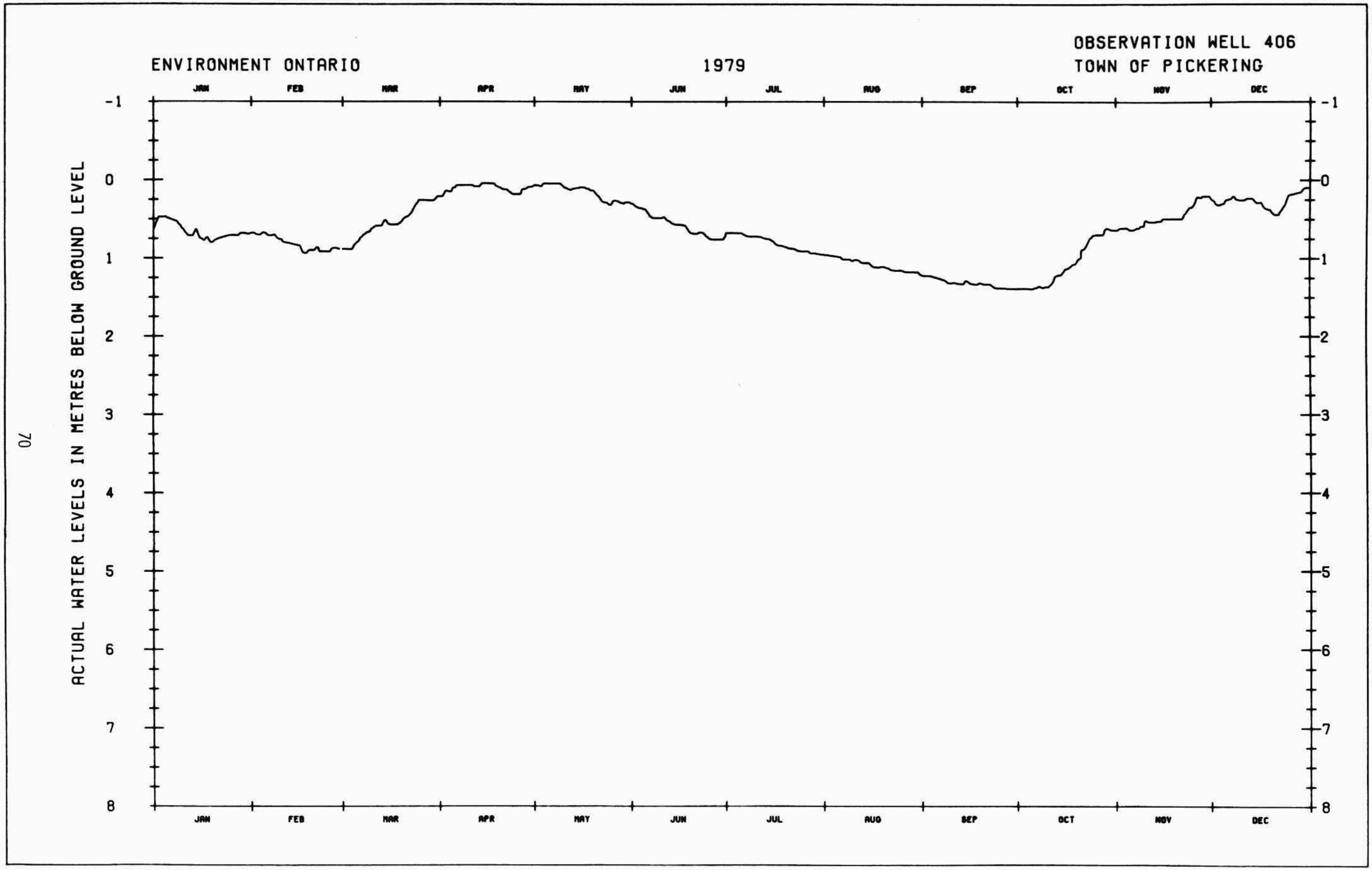
ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 406
TOWN OF PICKERING
JAN
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ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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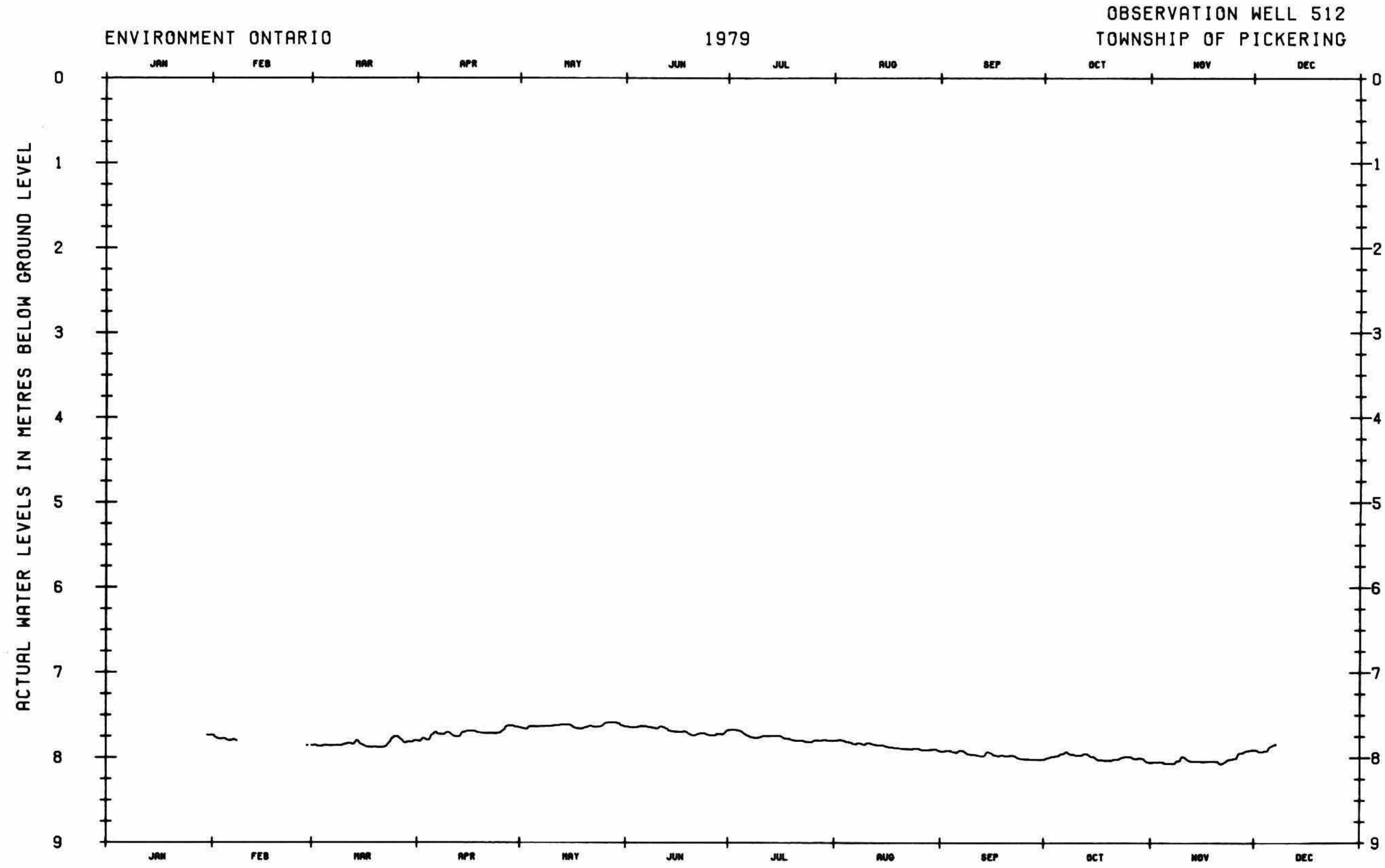
ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 512
TOWNSHIP OF PICKERING
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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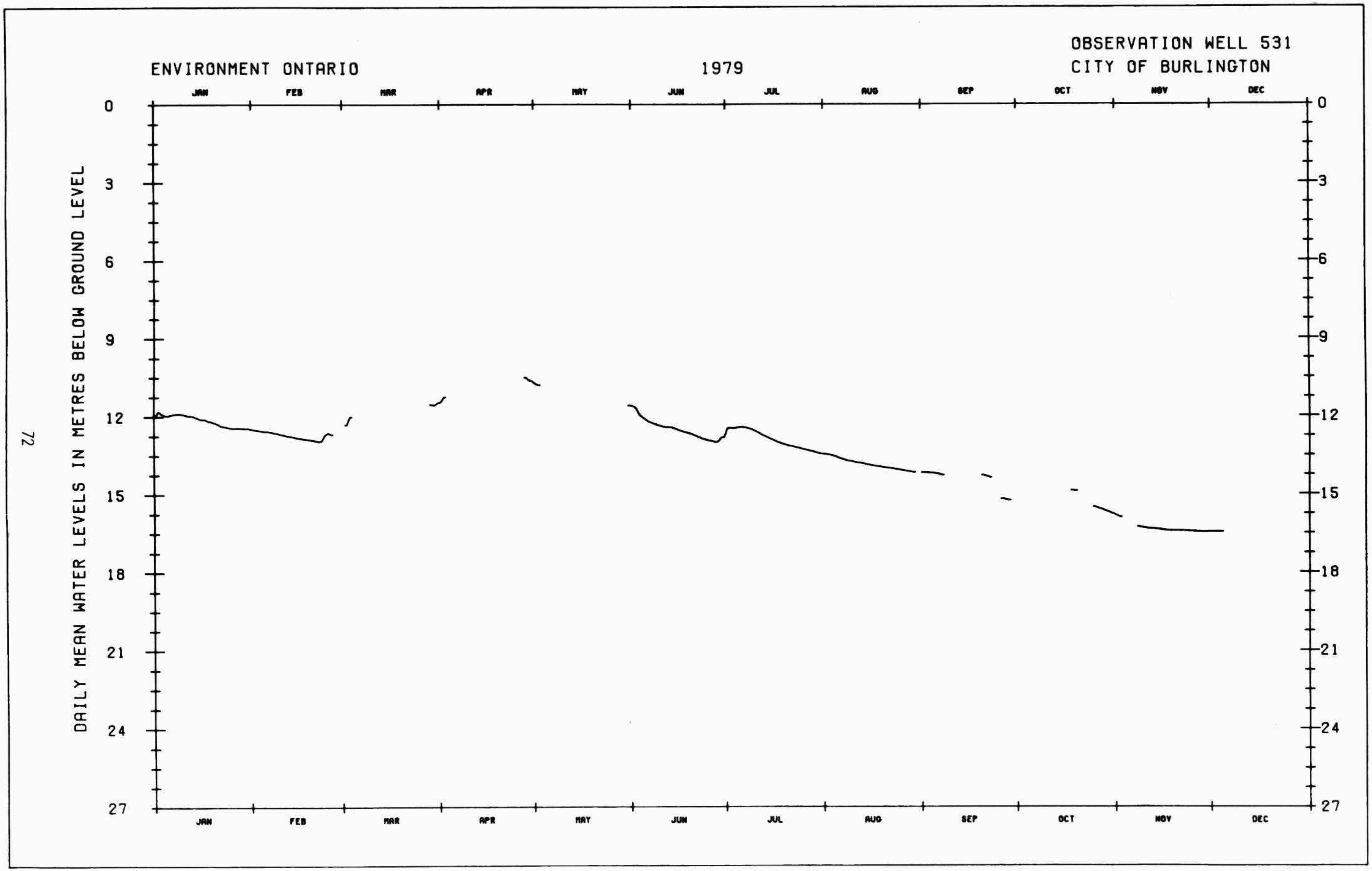
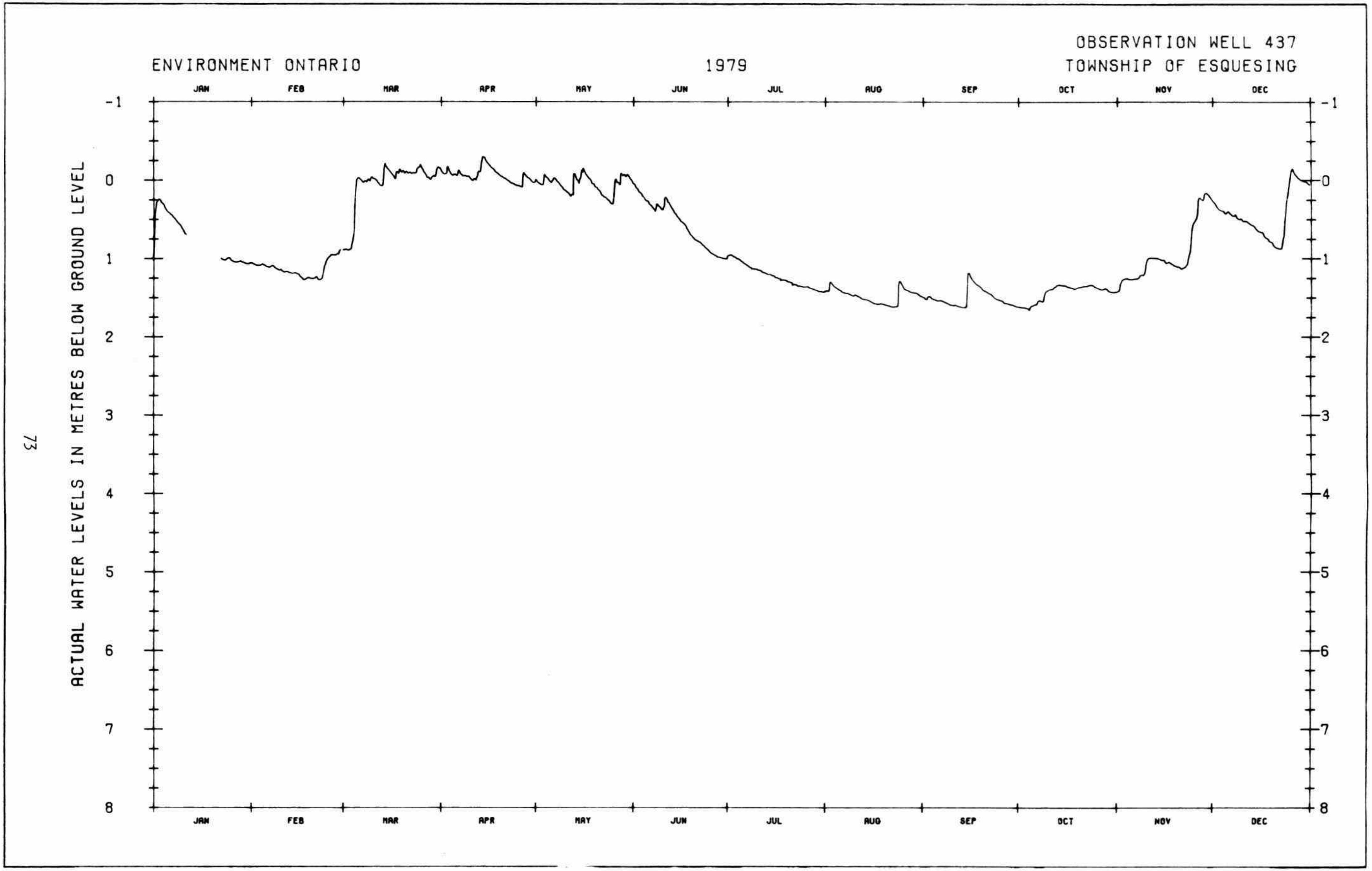


ENVIRONMENT ONTARIO

1979

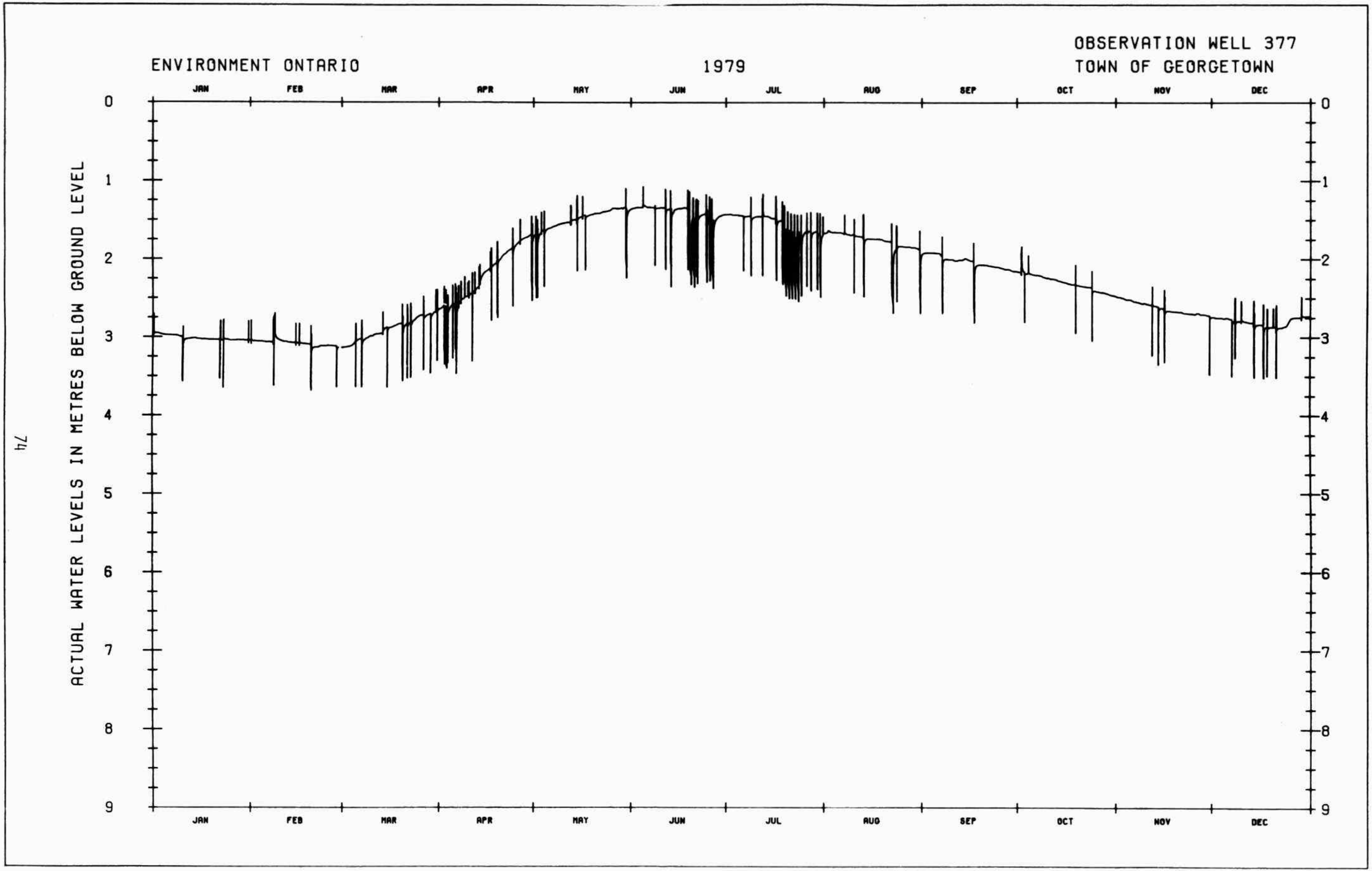
OBSERVATION WELL 531
CITY OF BURLINGTON



ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 437
TOWNSHIP OF ESQUESING


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 377
TOWN OF GEORGETOWN
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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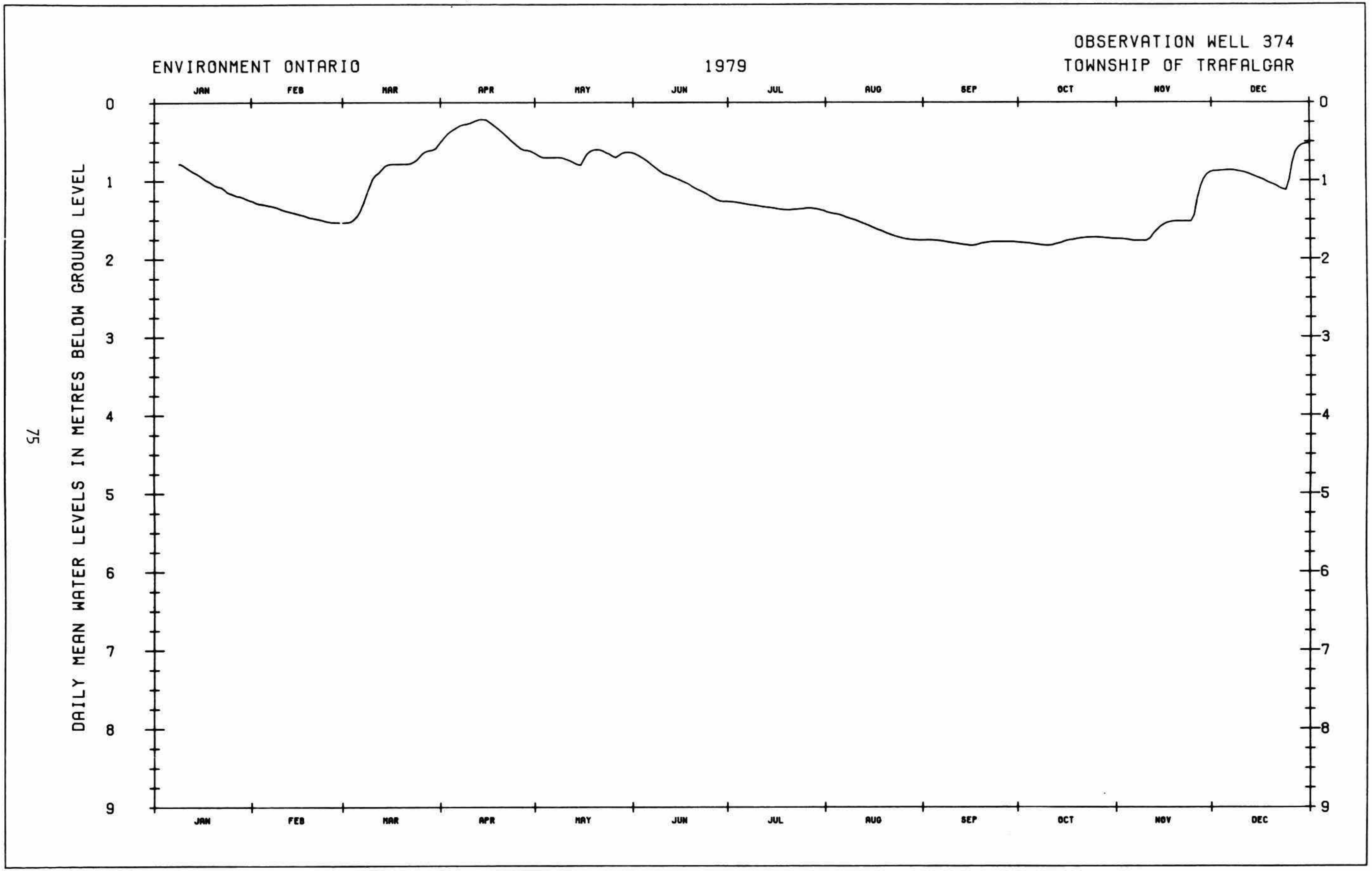
ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 374
TOWNSHIP OF TRAFALGAR
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND LEVEL
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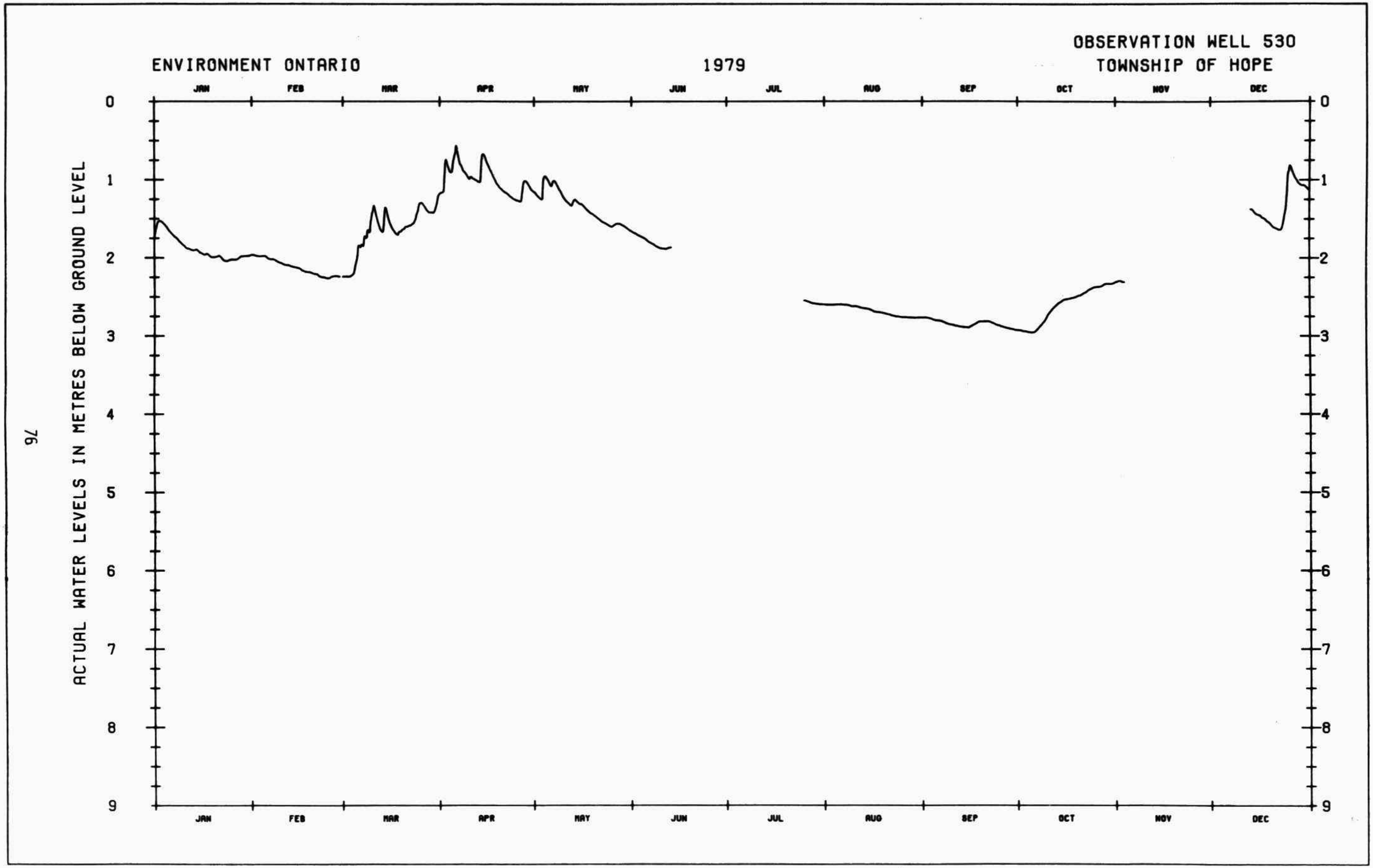
ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 530
TOWNSHIP OF HOPE
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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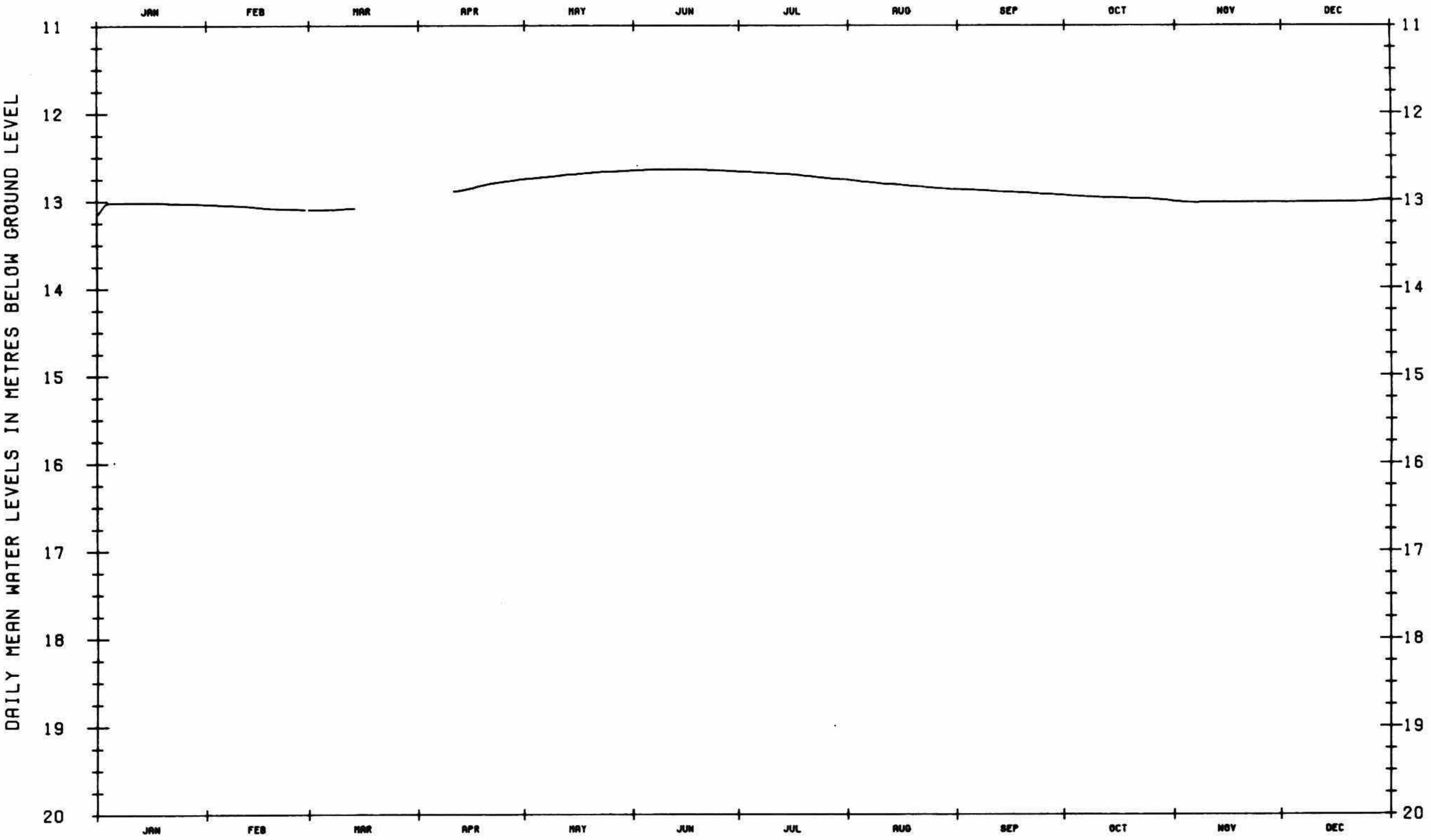
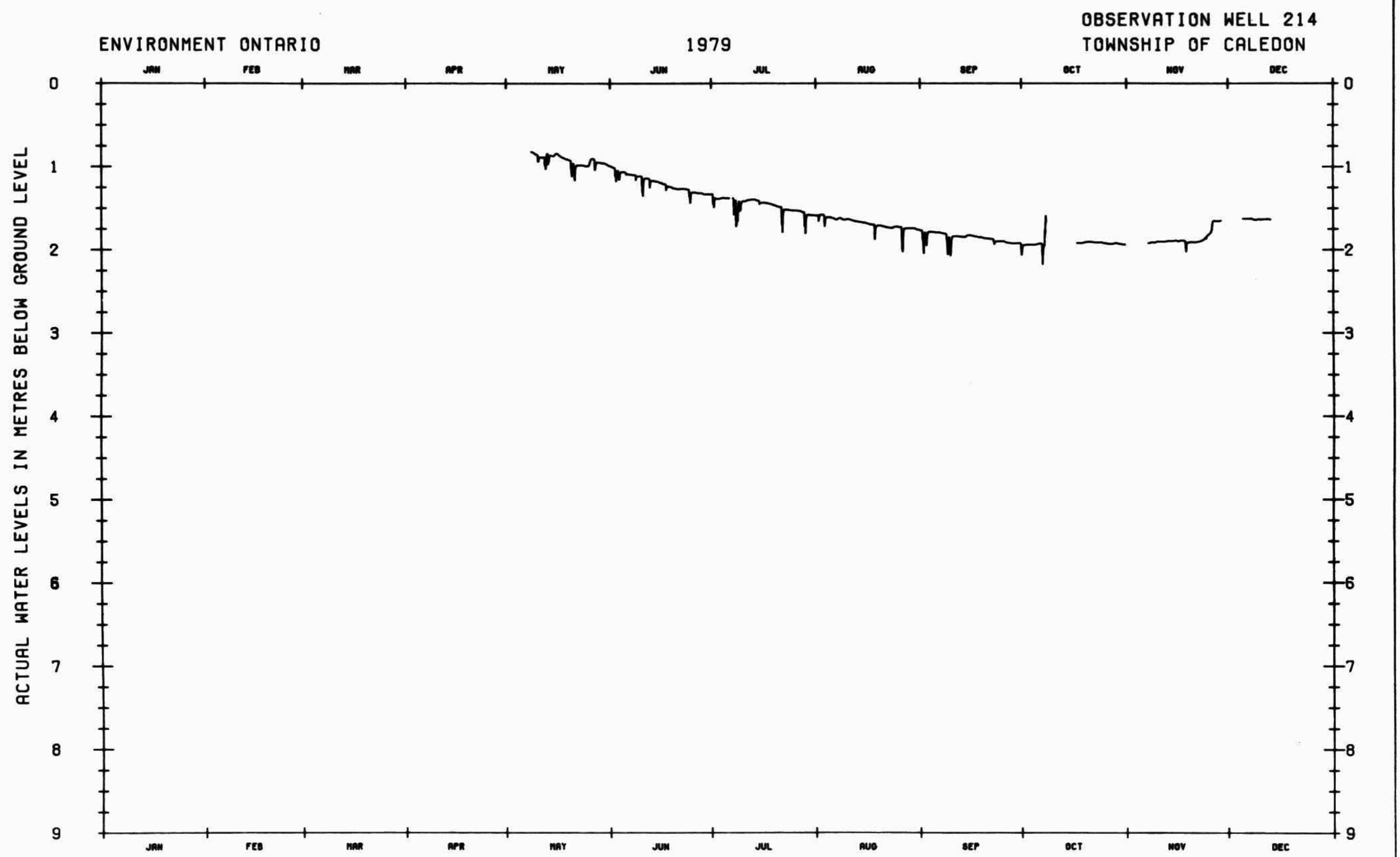
OBSERVATION WELL 253
ENVIRONMENT ONTARIO 1979 TOWNSHIP OF ALBION



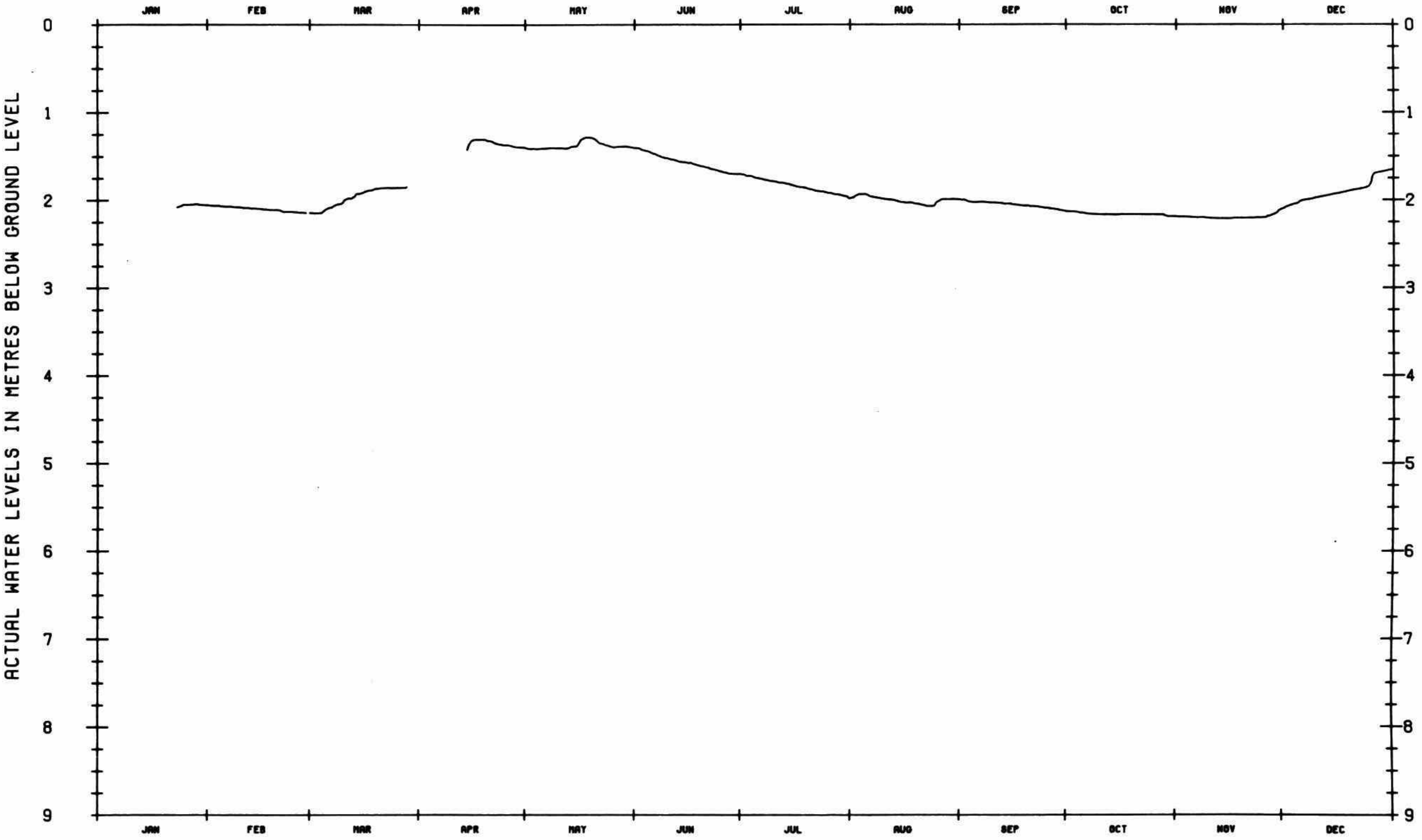


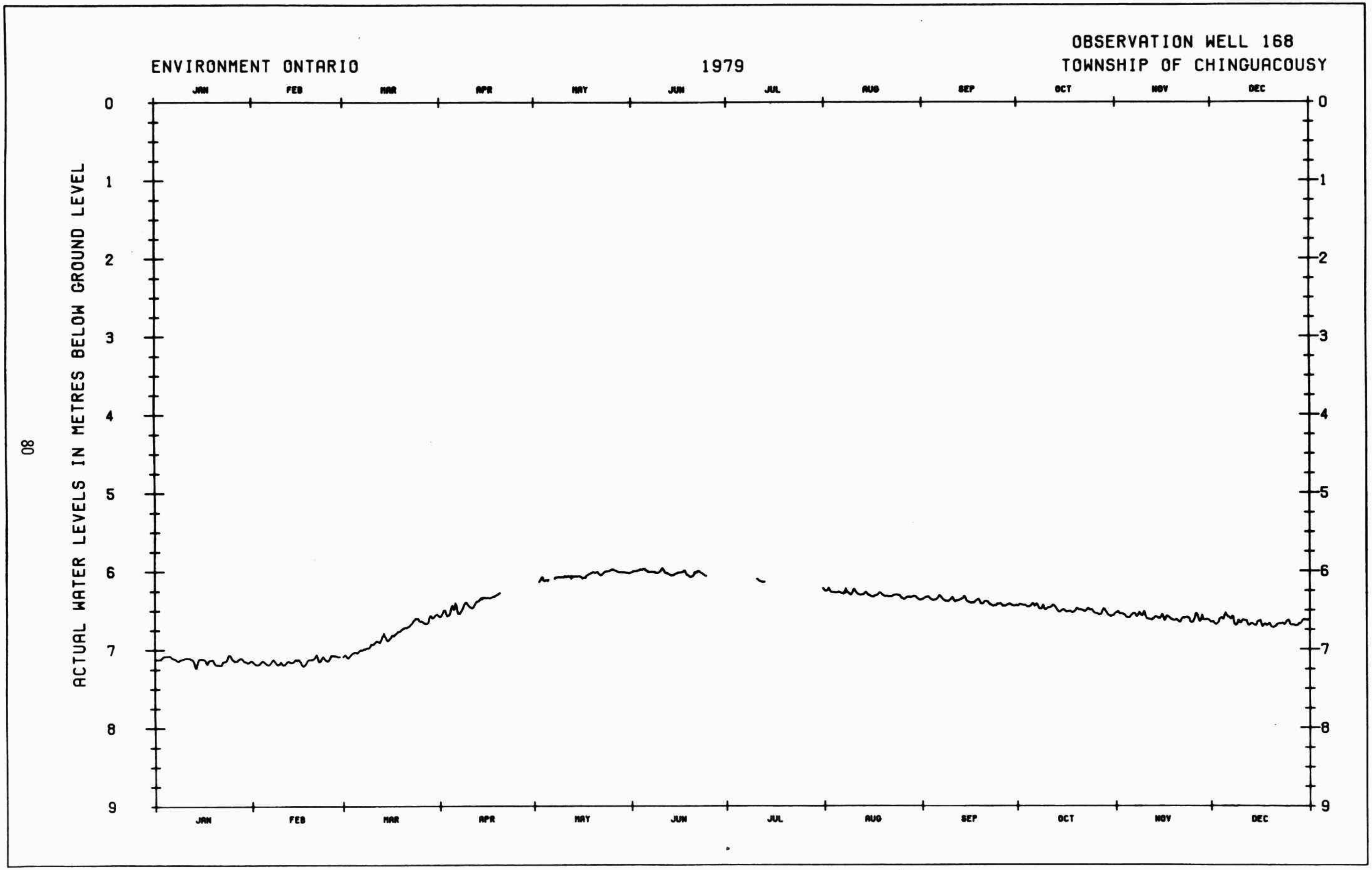
ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 214
TOWNSHIP OF CALEDON

OBSERVATION WELL 167
ENVIRONMENT ONTARIO 1979 TOWNSHIP OF CHINGUACOUSY

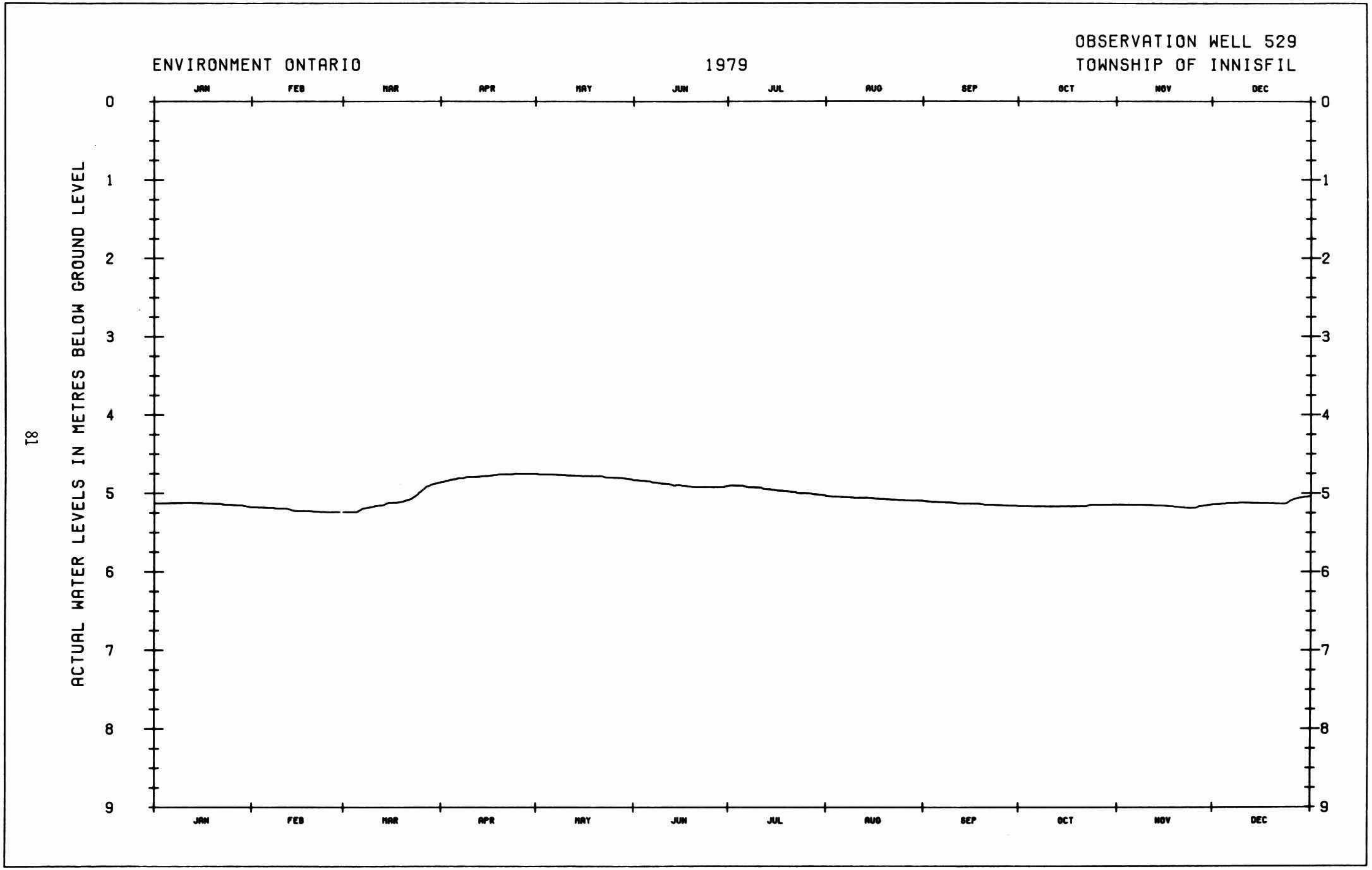




ENVIRONMENT ONTARIO

1979

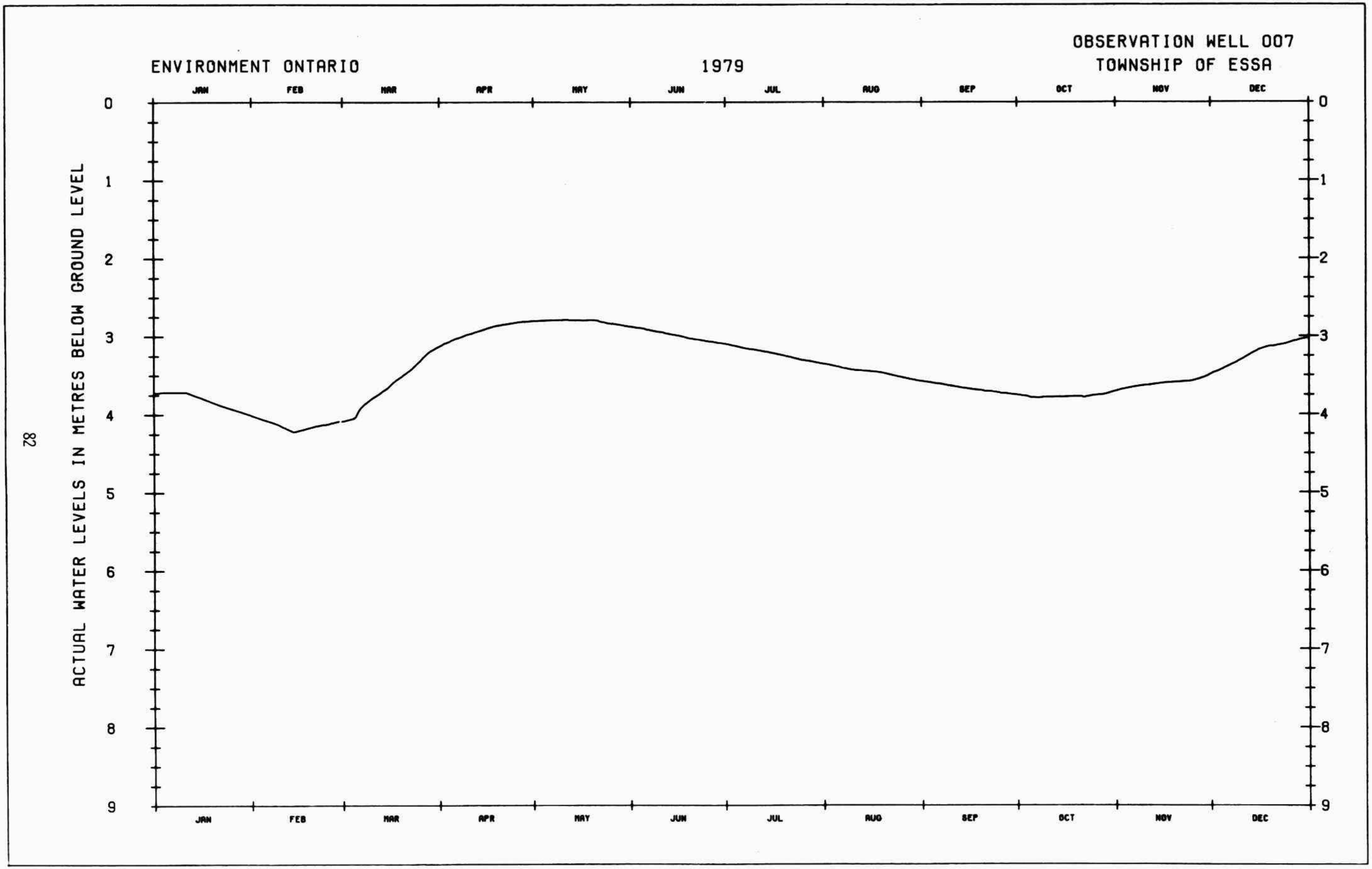
OBSERVATION WELL 168
TOWNSHIP OF CHINGUACOUSY



ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 529
TOWNSHIP OF INNISFIL


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 007
TOWNSHIP OF ESSA
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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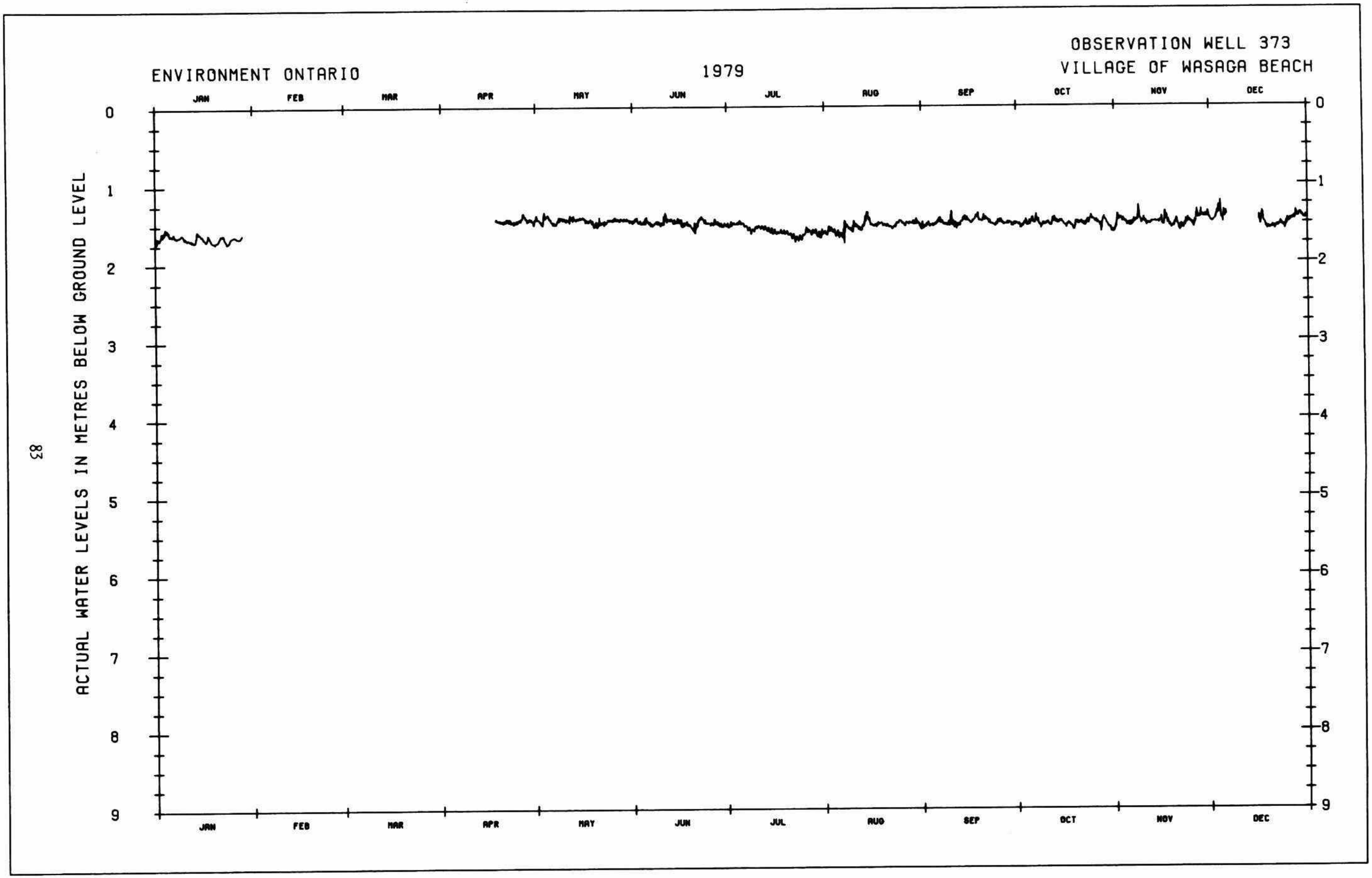
ENVIRONMENT ONTARIO
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OBSERVATION WELL 373
VILLAGE OF WASAGA BEACH
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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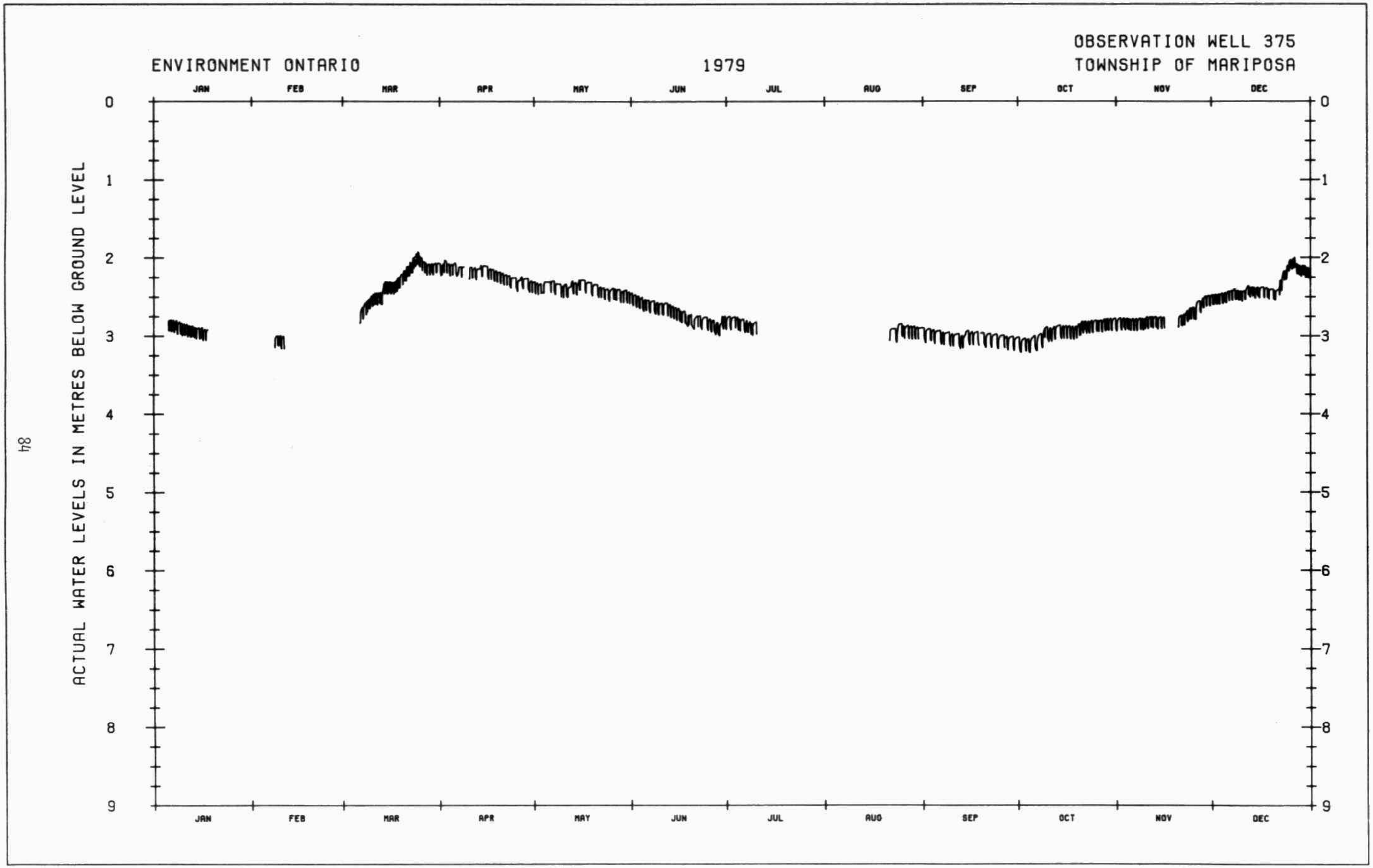
ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 375
TOWNSHIP OF MARIPOSA
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ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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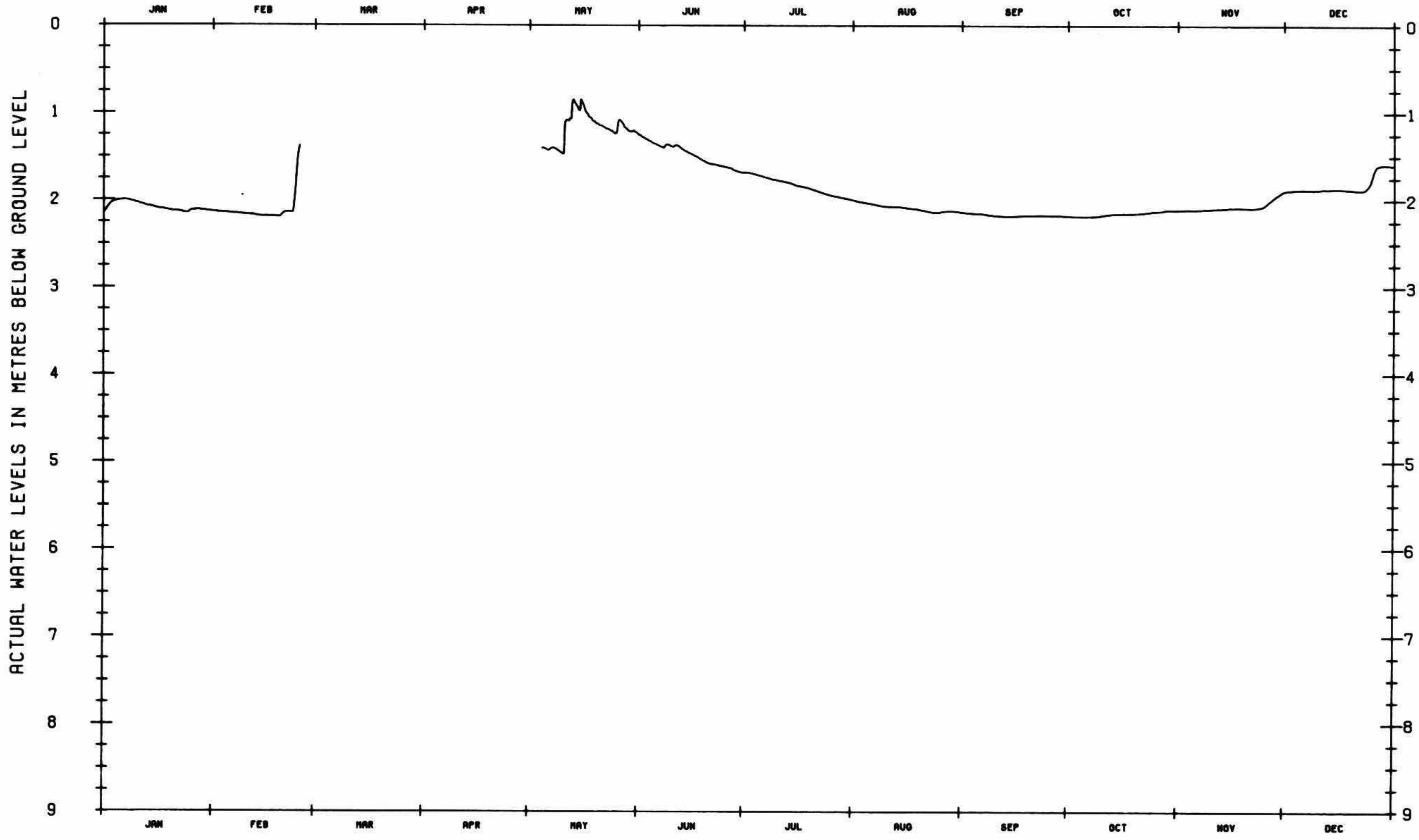
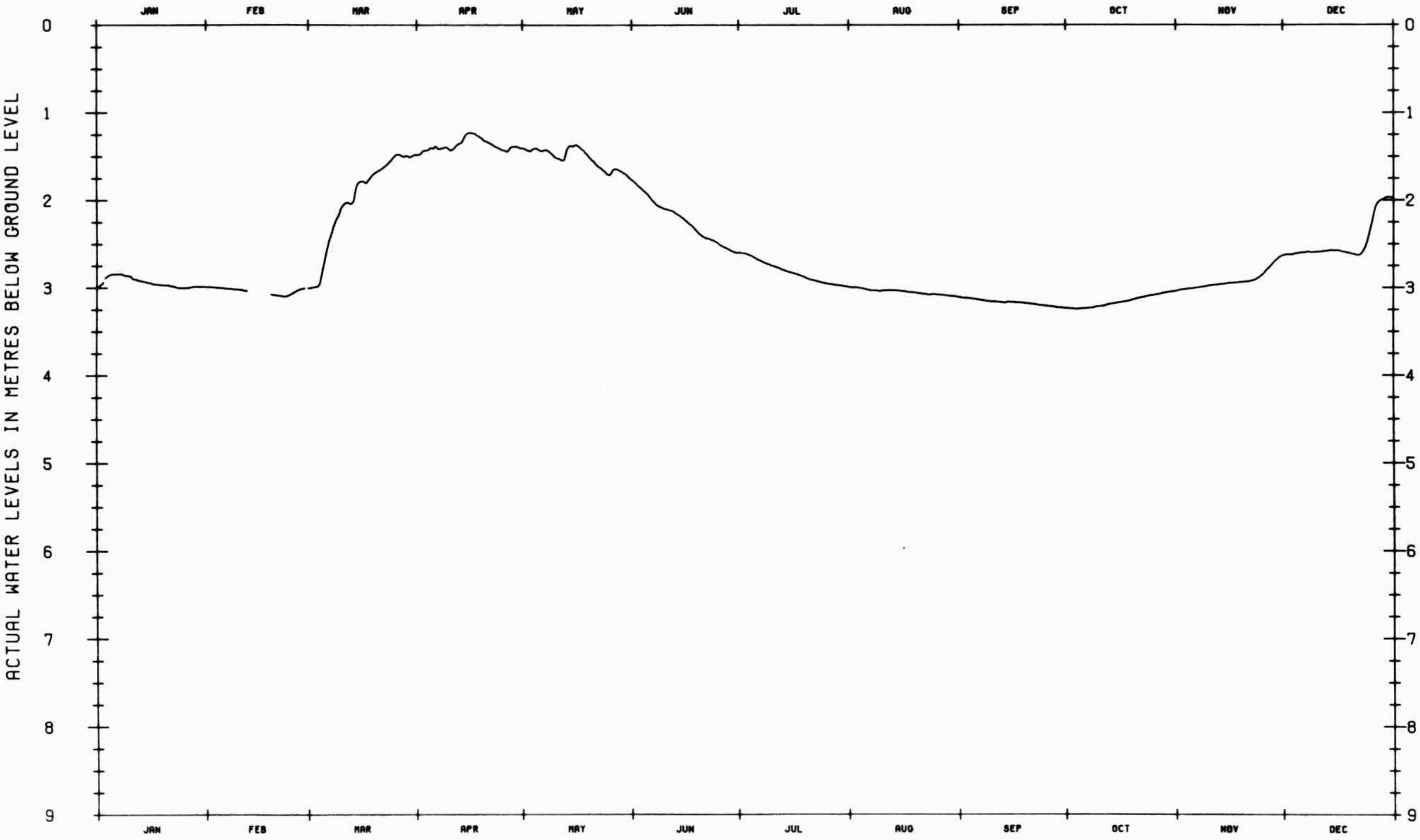
ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 528
TOWNSHIP OF E. GWILLIMBURY

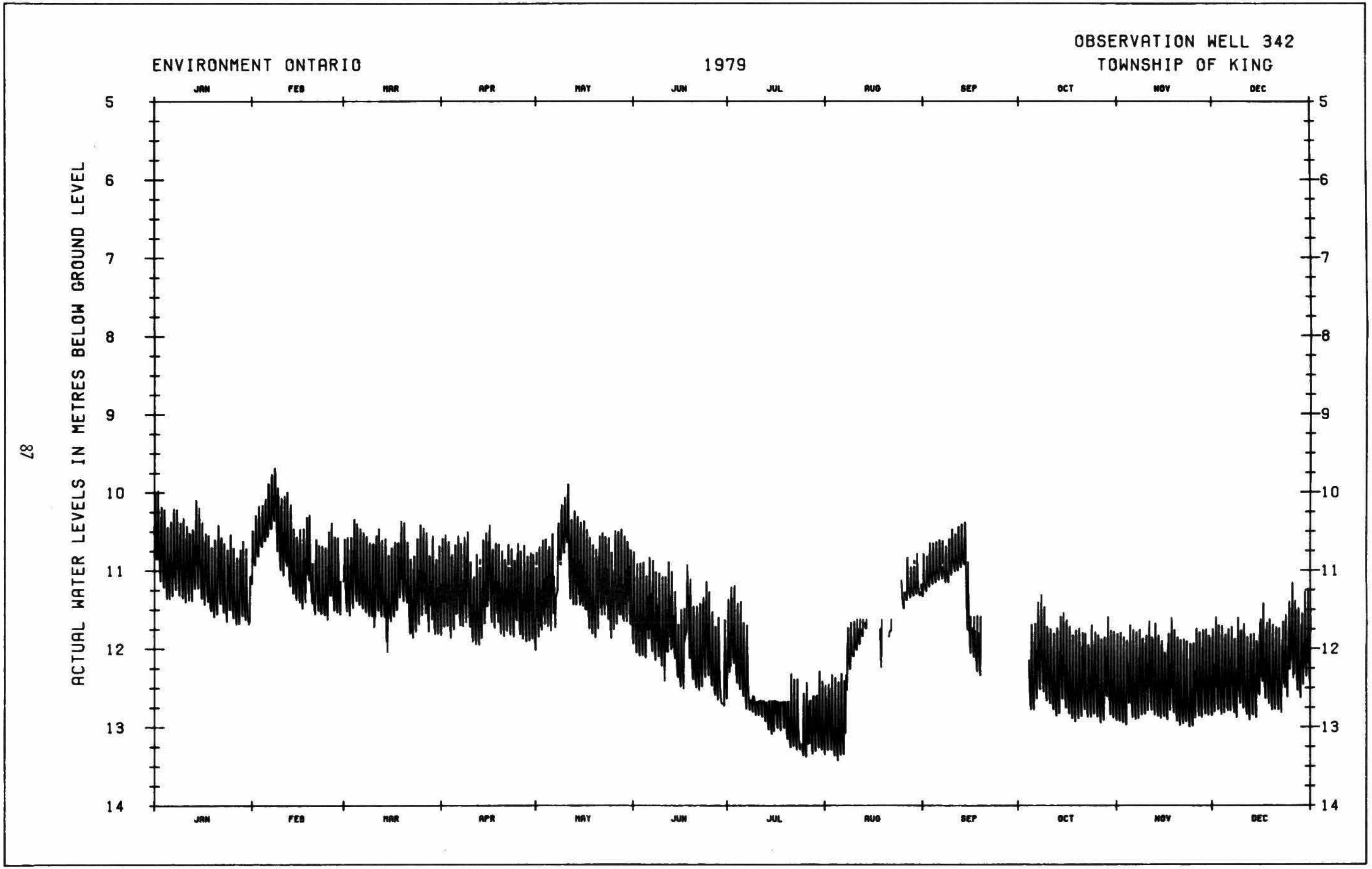




ENVIRONMENT ONTARIO

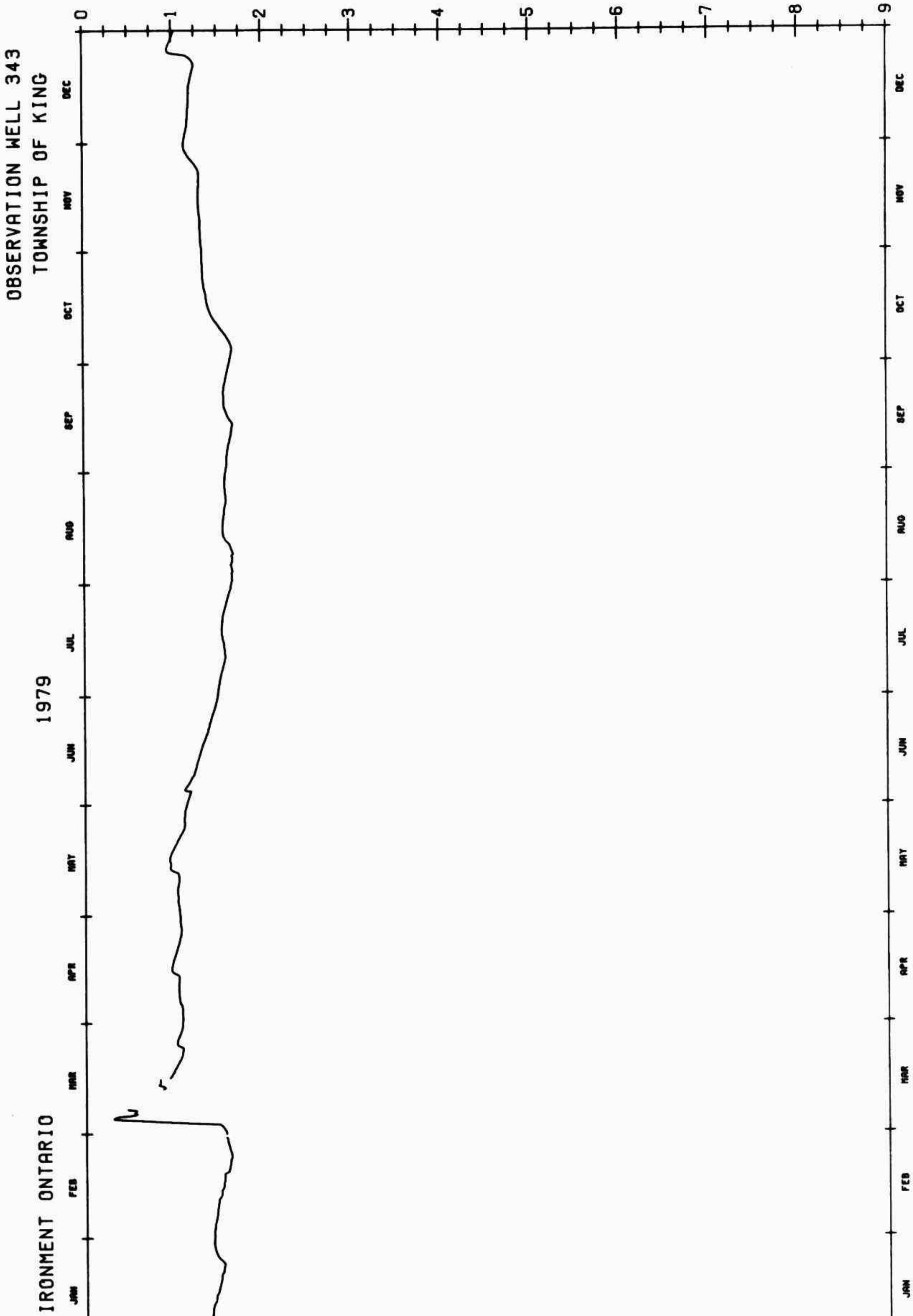
1979

OBSERVATION WELL 527
TOWNSHIP OF GEORGINA


ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 342
TOWNSHIP OF KING


OBSERVATION WELL 343
TOWNSHIP OF KING
1979
ENVIRONMENT ONTARIO
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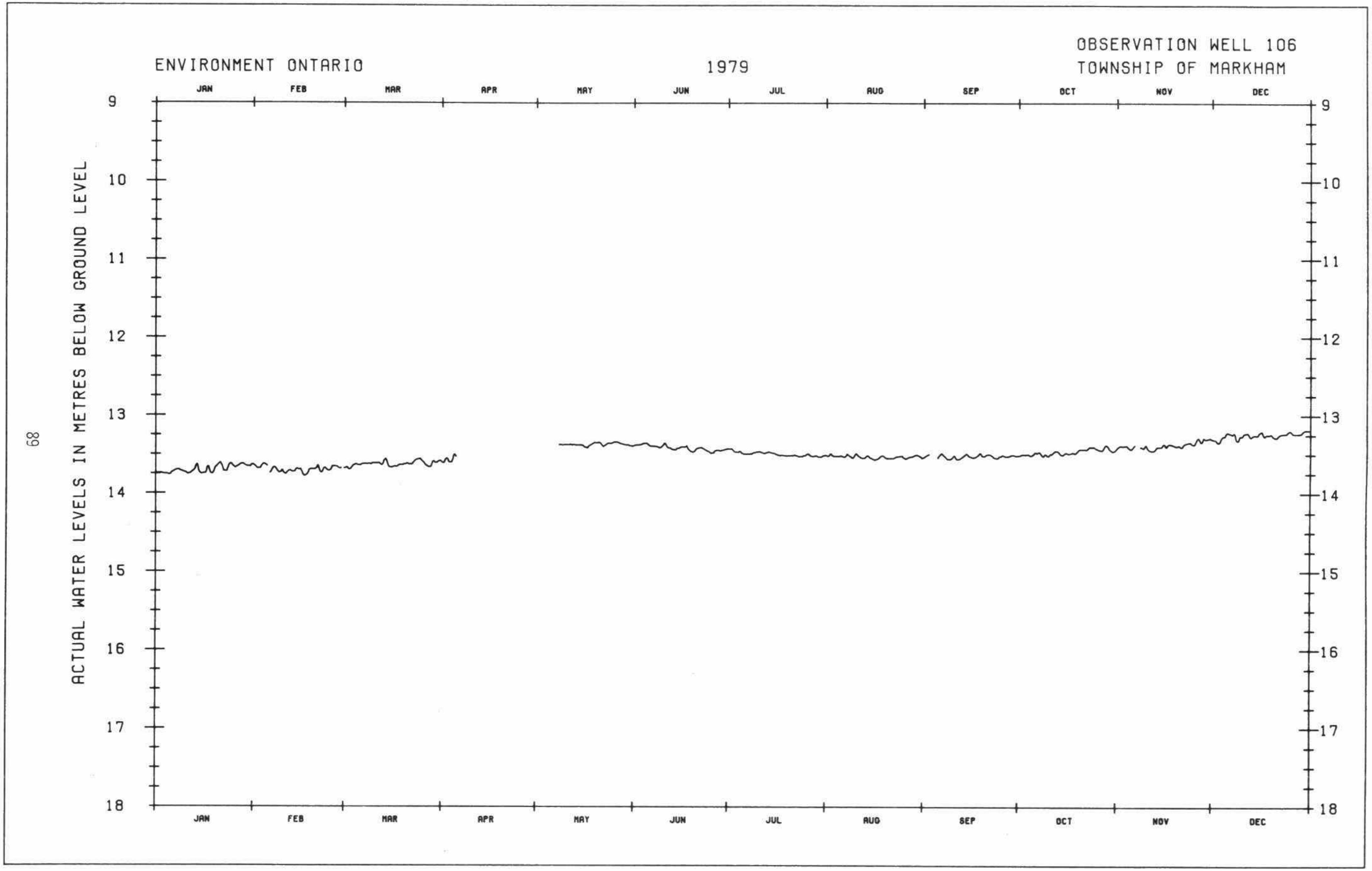
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 106
TOWNSHIP OF MARKHAM
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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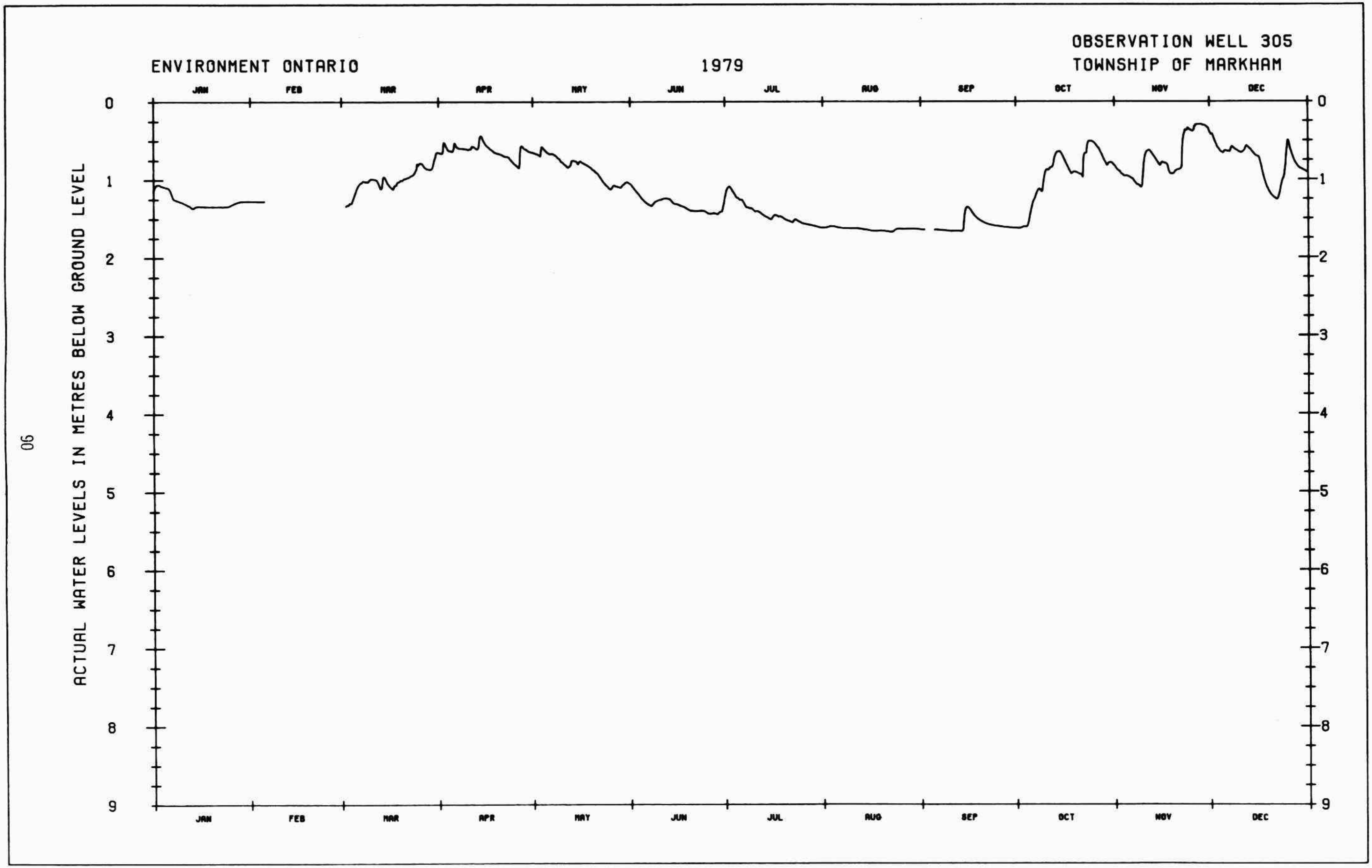
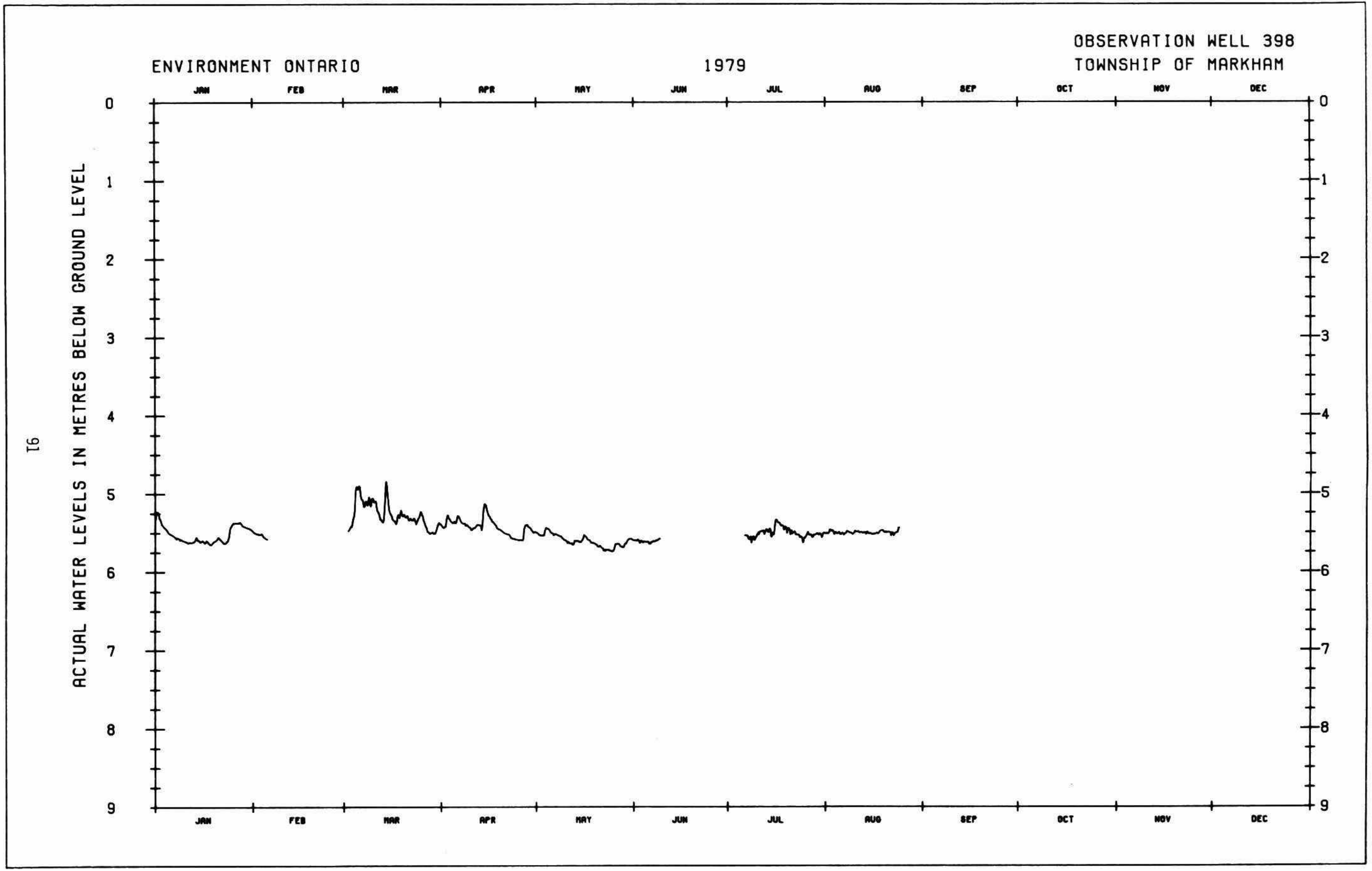


ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 305
TOWNSHIP OF MARKHAM


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 398
TOWNSHIP OF MARKHAM
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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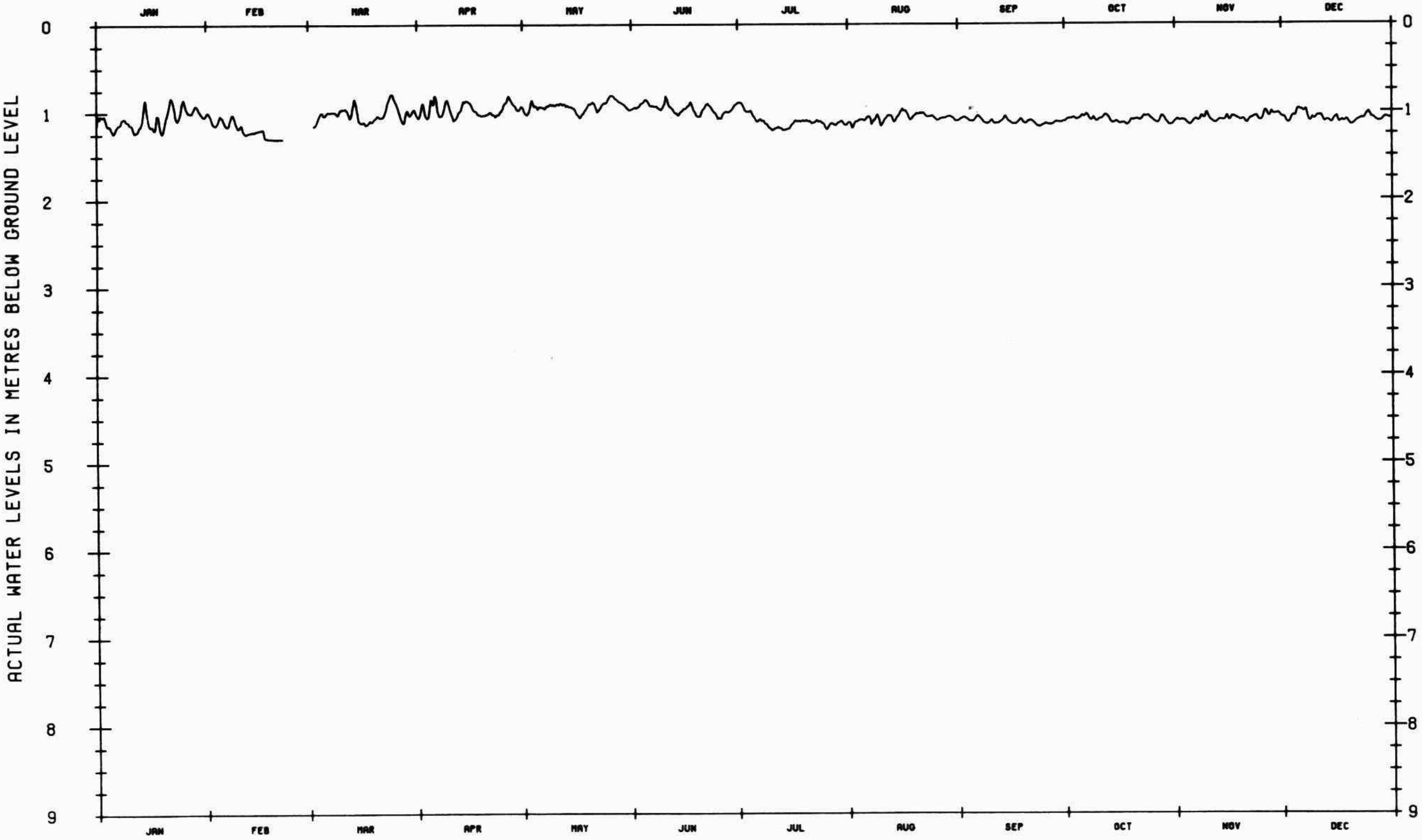
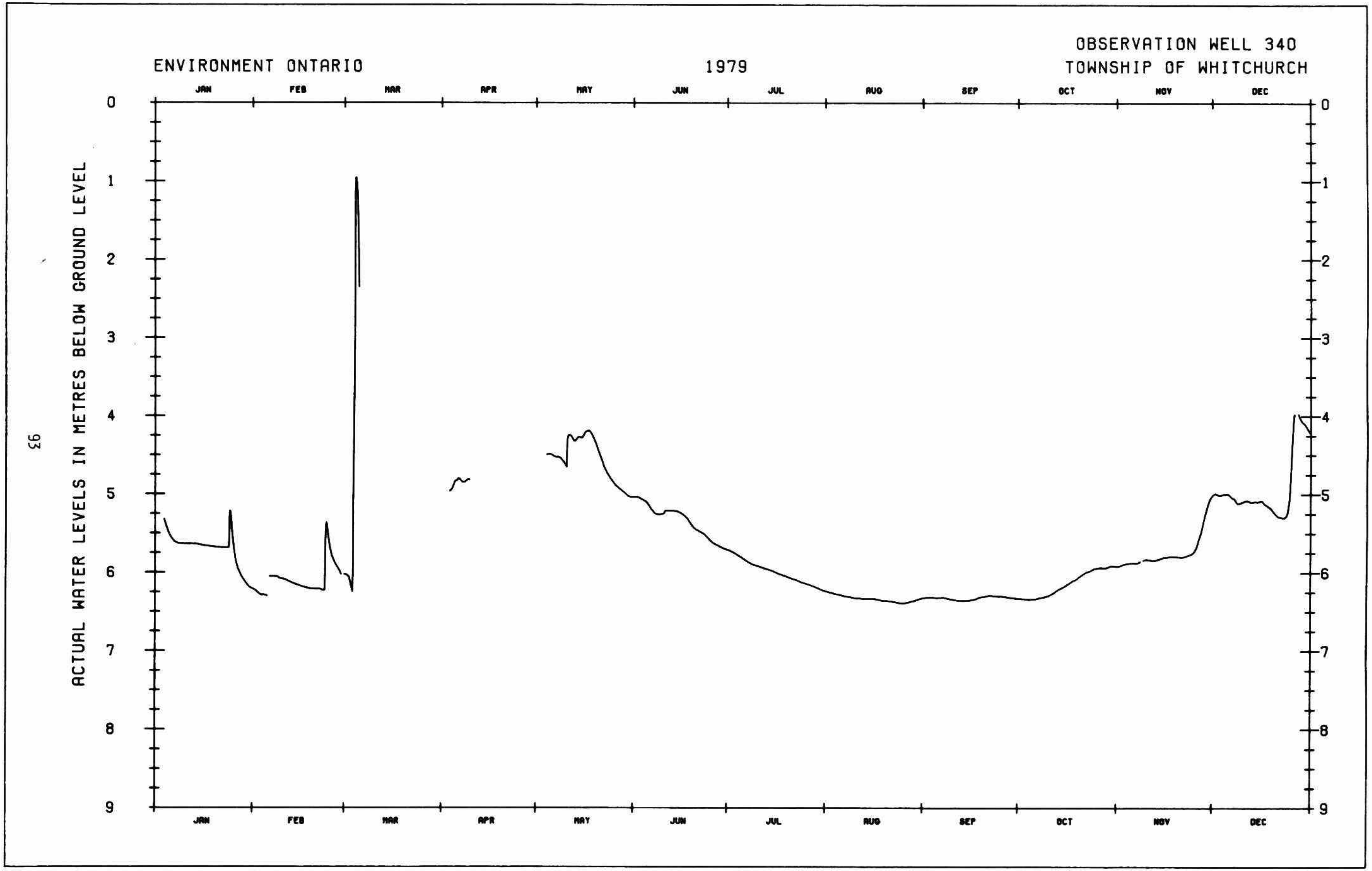
ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 090
BOROUGH OF NORTH YORK




ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 340
TOWNSHIP OF WHITCHURCH
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
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Southeastern Region

④

Ministry
of the
Environment
Ontario

OBSERVATION WELL DATA

REGIONAL OFFICE

KINGSTON
133 Dalton St.
613-549-4000

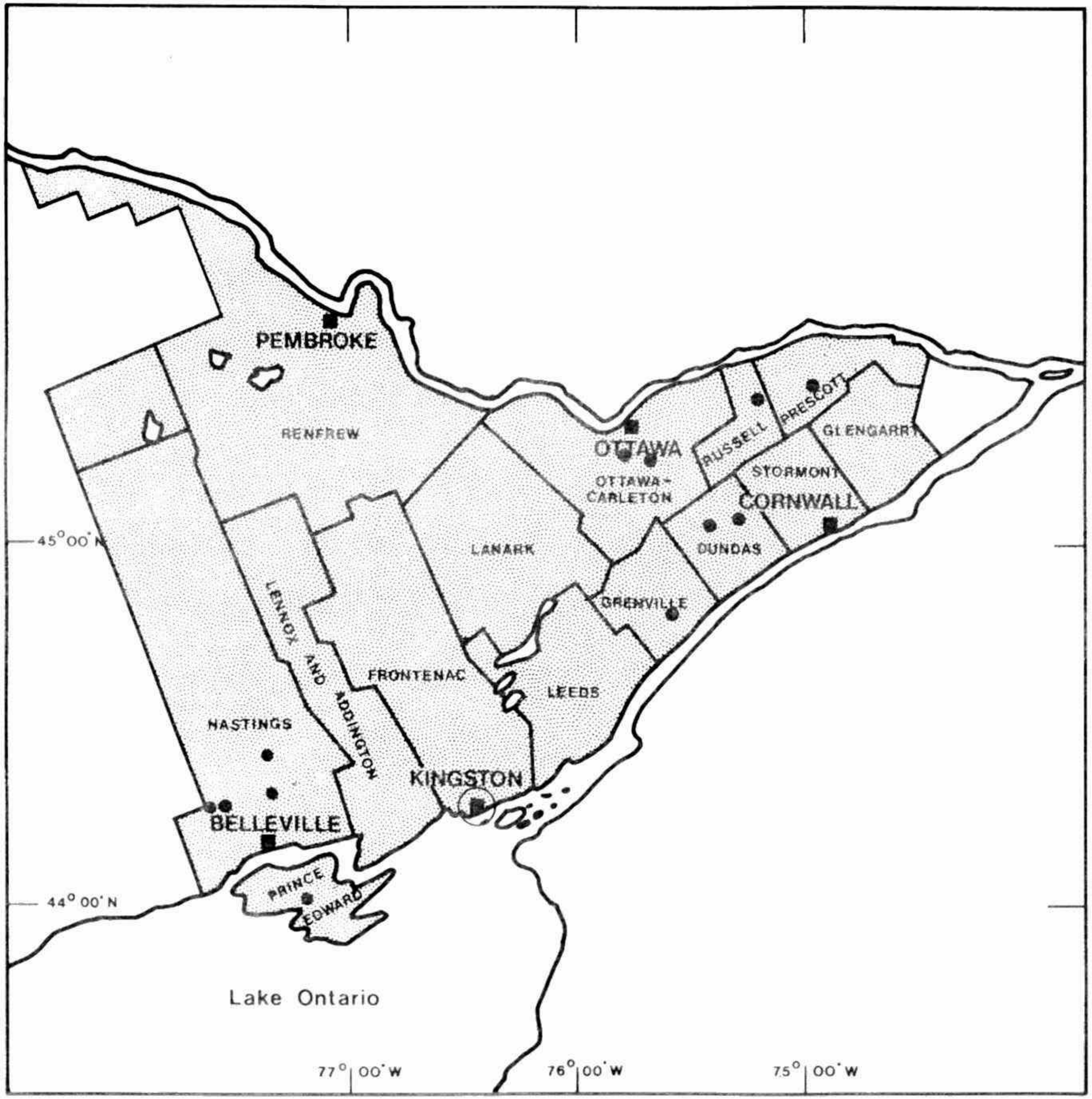
DISTRICT OFFICES

Belleville
15 Victoria Ave.
613-962-9208

Cornwall
408 Pitt St.
613-933-7402

Ottawa
2378 Holly Lane
613-521-3450

Pembroke
1000 MacKay St.
P.O. Box 67
613-732-3643



OBSERVATION WELL DISTRIBUTION

LEGEND

Regional Office	⊙
District Office	■
Recording Observation Well	●
Number of Recording Wells in same location	●^{2}
Manually Measured Well	▲
Number of Manually Measured Wells in same location	▲^{2}

ENVIRONMENT ONTARIO
TORONTO
DUNDAS COUNTY

OBSERVATION WELL 522

CHESTERVILLE CONC. 4 LOT 18

WELL REC #: 1801941
UTM CO-ORD: Z-18 E481750 N4994100
LAT & LONG: 45 -14 NORTH 75 - 06 WEST

REC METHOD: A71 RECORDER
REC COMMCD: MAY 13 1976
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 69 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: UNKNOWN 5.

DIAMETER OF WELL: 76 CM
LENGTH OF CASING: 5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 5 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : UNKNOWN
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	2.58	2.41	2.44	2.25	2,29	2,33	2.46	2.59	2,47	2,37	2.31		1
2	2.37	2.43	2.47	2.23	2,31	2,34	2.45	2.60	2,48	2.36	2,32		2
3	2,36	2.44	2.49	2.15	2,30	2,35	2.46	2.58	2,46	2.37	2.33		3
4	2,39	2.43	2.48	2.17	2,23	2,36	2,46	2.57	2,45	2.37	2.33		4
5	2,41	2.43	2.42	2.18	2,22	2,37	2,48	2.57	2,46	2,38	2,34		5
6	2,42	2.44	2.35	2.18	2,22	2,39	2,49	2.56	2,45	2,36	2,33		6
7	2,42	2.44	2.31	2.21	2,23	2,40	2,49	2.55	2,43	2,35	2,33		7
8	2,42	2.43	2.30	2,24	2,24	2,41	2,50	2.55	2,44	2,36	2,33		8
9	2,44	2.44	2.29	2.25	2,25	2,41	2,50	2.56	2,45	2,36	2,33		9
10	2,46	2.45	2.26	2.28	2,26	2,41	2,50	2.56	2,46	2,34	2,31		10
11	2,49	2.45	2.23	2.30	2,28	2,39	2,51	2.53	2,46	2,33	2,31		11
12	2,50	2.45	2.25	2,31	2,28	2,36	2,52	2.53	2,46	2,33	2,30		12
13	2,49	2.45	2.26	2.32	2,29	2,36	2,53	2.54	2,46	2,28	2,31		13
14	2,43	2.45	2.19	2.30	2,31	2,37	2,54	2.54	2,38	2,26	2,29		14
15	2,43	2.45	2.16	2.27	2,32	2,38	2,56	2.55	2,23	2,26			15
16	2,44	2,45	2.18	2.26	2,33	2,39	2,57	2.56	2,20	2,25			16
17	2.45	2,47	2.19	2,26	2,34	2,41	2,59	2.57	2,20	2,26			17
18	2,45	2,47	2.19	2.28	2,36	2,43	2,59	2.57	2,20	2,27			18
19	2,47	2.45	2.20	2.30	2,37	2,45	2,61	2.57	2,23	2,27			19
20	2.47	2.45	2.20	2.32	2,37	2,46	2,61	2.56	2,28	2,27			20
21	2,45	2,45	2.19	2.33	2,36	2,46	2,62	2.56	2,31	2,24			21
22	2,45	2.45	2.15	2.35	2,36	2,46	2,62	2.57	2,35	2,23			22
23	2,48	2.45	2.12	2.36	2,36	2,45	2,63	2.58	2,38	2,23			23
24	2,48	2.43	2.08	2.36	2,36	2,45	2,63	2.57	2,40	2,25			24
25	2.47	2.41	2.06	2.36	2,36	2,46	2,64	2.55	2,39	2,28			25
26	2,47	2.39	2,08	2,37	2,35	2,48	2,63	2.53	2,38	2,30			26
27	2,44	2.39	2.13	2.35	2,32	2,48	2,59	2.52	2,37	2,33			27
28	2,41	2.40	2.18	2,26	2,31	2,48	2,57	2.51	2,37	2,30			28
29	2.39		2.21	2,25	2,31	2,48	2,57	2.50	2,37	2,28			29
30	2,40		2,24	2,27	2,32	2,48	2,58	2,46	2,37	2,30			30
31	2.40		2,24		2,32		2,58	2.47		2,31			31
					-MONTHLY SUMMARY-								
MEAN	2.44	2,44	2.24	2,28	2,31	2,41	2,55	2.55	2,38	2,30			MEAN
INST MAX	2.33 (2)	2,39 (27)	2,05 (25)	2,14 (3)	2,21 (5)	2,33 (1)	2,45 (2)	2.45 (30)	2,19 (17)	2,22 (23)			INST MAX
INST MIN	2.66 (1)	2,47 (17)	2,50 (3)	2,37 (27)	2,38 (19)	2,48 (29)	2,64 (25)	2,60 (2)	2,48 (2)	2,38 (5)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
DUNDAS COUNTY

OBSERVATION WELL 547

TOWNSHIP OF WINCHESTER CONC. 6 LOT 1

WELL REC #: 1801561
UTM CO-ORD: Z-18 E470750 N4992250
LAT & LONG: 45-05 NORTH 75-22 WEST

REC METHOD: A-35 RECORDER
REC COMMCD: DEC. 14 1978
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 76 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: STONY TILL 4,3; GREY DOLOMITE & LIMESTONE (SANDSTONE LAYERS) 19,8; GREY DOLOMITE & LIMESTONE (FEW STREAKS OF SANDSTONE & STREAKS OF GREEN SHALE NEAR BOTTOM) 43.

DIAMETER OF WELL: 25 CM
LENGTH OF CASING: 6,7 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 43 METRES

PUMP RATE: 1,1 L/S
SPEC. CAP: 0,12 L/S/M
AQUIFER : DOLOMITE & LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7,12	5.58										1,65	1
2	6,84	5.56										1,66	2
3	6,40											1,67	3
4	6,01											1,66	4
5	5,80											1,69	5
6	5,66											1,74	6
7	5,60											1.73	7
8	5,47												8
9	5,54												9
10	5,53			1.38									10
11	5,03			1.43									11
12	5,54												12
13	5.59			1.46									13
14	5,18												14
15	5,11												15
16	5,52										2.61		16
17	5.68										2.53		17
18	5,81										2.56		18
19	5,88										2.55		19
20	5,90										2.46		20
21	5,88										2,52		21
22	5.94										2.48		22
23	6.06										2.48		23
24	6,06										2.49		24
25	5,94										2,44		25
26	6.06										2.22		26
27	6,08										1.71		27
28	5,89										1,61		28
29	5.87										1,57		29
30	5,76										1.61		30
31	5.65												31
					-MONTHLY SUMMARY-								
MEAN	5.82												MEAN
INST MAX	4.86 (11)												INST MAX
INST MIN	7.15 (1)												INST MIN

ENVIRONMENT ONTARIO
TORONTO
GRENVILLE COUNTY

OBSERVATION WELL 523

TOWNSHIP OF EDWARDSBURGH CONC. 7 LOT 32

WELL REC #: 2403219
UTM CO-ORD: Z-18 E454500 N4964400
LAT & LONG: 44-49 NORTH 75-35WEST

REC METHOD: A71 RECORDER
REC COMMCD: MAY 11 1976
MEASURE PT: 0,3 METRES ABOVE GROUND SURFACE
GND ELEV: 69 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: UNKNOWN 9,5.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 9,5 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9,5 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : UNKNOWN
QUALITY : FRESH

E - ESTIMATE

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	5,37	4,84	4,30		0,81	1,60	2,57	3,53 E	4,29 E	4,05 E	2,94 E	1,42	1
2	5,33	4,98	4,28		0,84	1,62	2,60	3,56 E	4,31 E	4,02 E	2,90 E	1,38	2
3	5,32	4,95	4,25		0,87	1,65	2,64	3,59 E	4,33 E	4,00 E	2,86 E	1,36	3
4	5,32	4,93	4,20		0,83	1,68	2,67	3,61 E	4,35 E	3,98 E	2,83 E	1,35	4
5	5,31	4,92	4,09		0,87	1,72	2,71	3,64 E	4,37 E	3,95 E	2,81 E	1,34	5
6	5,31	4,92	3,93		0,92	1,76	2,74	3,66 E	4,39 E	3,93 E	2,78 E	1,33	6
7	5,30	4,92	3,74		0,98	1,81	2,77	3,69 E	4,42 E	3,92 E	2,76 E	1,31	7
8	5,29		3,56		1,02	1,85	2,80	3,72 E	4,44 E	3,90 E	2,73 E	1,29	8
9	5,28		3,37		1,07	1,89	2,84	3,74 E	4,46 E	3,89 E	2,71 E	1,30	9
10			3,10		1,12	1,93	2,87	3,77 E	4,48 E	3,88 E	2,69 E	1,31	10
11			2,73		1,18	1,95	2,89	3,79 E	4,50 E	3,86 E	2,67 E	1,32	11
12					1,23	1,98	2,93	3,82 E	4,52 E	3,85 E	2,64 E	1,30	12
13					1,28	2,00	2,95	3,85 E	4,55 E	3,81 E		1,27	13
14					1,31	2,02	2,99	3,87 E	4,47 E	3,78 E		1,27	14
15	5,12				1,35	2,03	3,02	3,89 E	4,36 E	3,75 E		1,30	15
16	5,10				1,40	2,05	3,05	3,92 E	4,37 E	3,71 E	2,48		16
17	5,08				1,44	2,08	3,08	3,94 E	4,38 E	3,67 E	2,44		17
18	5,06				1,48	2,11	3,11 E	3,97 E	4,38 E	3,62 E	2,40		18
19	5,06				1,52	2,14	3,14 E	4,00 E	4,37 E	3,58 E	2,37		19
20	5,04	4,55		0,75	1,56	2,18	3,17 E	4,02 E	4,35 E	3,54 E	2,34		20
21		4,52		0,79	1,61	2,21	3,20 E	4,04 E	4,32 E	3,49 E	2,31		21
22		4,49		0,83	1,65	2,25	3,23 E	4,07 E	4,29 E	3,43 E	2,28		22
23		4,48		0,86	1,68	2,28	3,27 E	4,09 E	4,26 E	3,38 E	2,25		23
24	4,92	4,44		0,89	1,72	2,32	3,30 E	4,11 E	4,23 E	3,32 E	2,21		24
25	4,88	4,41		0,93	1,75	2,36	3,33 E	4,14 E	4,20 E	3,27 E	2,18		25
26	4,85	4,38		0,95	1,74	2,39	3,35 E	4,16 E	4,17 E	3,22 E	2,11		26
27	4,82	4,35		0,88	1,69	2,43	3,38 E	4,18 E	4,14 E	3,17 E	1,91		27
28	4,79	4,33		0,71	1,64	2,47	3,41 E	4,20 E	4,11 E	3,12 E	1,73		28
29	4,76			0,71	1,61	2,50	3,44 E	4,22 E	4,09 E	3,08 E	1,58		29
30	4,73			0,77	1,60	2,53	3,47 E	4,24 E	4,07 E	3,04 E	1,48		30
31	4,71				1,59		3,50 E	4,26 E		2,99 E			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN					1,33	2,06	3,05	3,91	4,33	3,62			MEAN
INST MAX					0,80 (1)	1,59 (1)	2,55 (1)	3,51 (1)	4,05 (30)	2,97 (31)			INST MAX
INST MIN					1,76 (25)	2,55 (30)	3,51 (31)	4,27 (31)	4,56 (14)	4,05 (1)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 209

TOWNSHIP OF HUNGERFORD CONC. 5 LOT 1

WELL REC #: 2900582
UTM CO-ORD: Z-18 E312982 N4918717
LAT & LONG: 44-24NORTH 77-21WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: NOV. 28 1967
MEASURE PT: 0,9 METRES ABOVE GROUND SURFACE
GND ELEV: 165 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: SAND AND BOULDERS 2,1; LIMESTONE 21,7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 2,6 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 21,7 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	10,14	10,90	10,97	7,89	10,38	11,67	11,49	12,49		12,72	12,25		1
2	10,35	10,88	11,05	7,46	10,48	11,84	11,42	12,46		12,68	12,27	11,60	2
3	10,61	10,80	10,81	3,47	10,38	11,31	11,81	12,55		12,60	12,58	11,46	3
4	10,64	10,88	10,81	2,67	10,27	12,18	12,11	12,46		12,54	12,40	11,33	4
5	10,69	11,03	10,77	2,65	10,39	12,72	12,31	12,29		12,43	11,97	11,49	5
6	10,67	10,97	9,65	2,62	10,41	12,00	11,91	12,34		12,49	11,78	11,35	6
7	10,50	10,90	9,70	2,65	10,66	11,77	12,10	12,34		12,61	11,65	11,38	7
8	10,73	10,90	9,97	2,66	10,60	11,69	12,23	12,27		12,60	11,42	11,25	8
9	10,75	11,31	9,89	2,68	11,04	11,75	12,00	12,24		12,63	11,28	11,47	9
10	10,70	11,08	8,90	3,52	10,77	11,94	12,18	12,36		12,64	11,36	11,50	10
11	10,79	10,96	8,45	4,80	10,80	11,66	12,47	12,33		12,60	11,63	11,29	11
12	10,60	11,08	8,49	6,25	10,82	11,64	12,26	12,13		12,48	11,88	11,36	12
13	10,67	10,98	9,04	7,15	10,60	11,50	12,36	12,24		12,57	11,97	11,23	13
14	10,52	11,02	7,26	7,72	10,78	11,71	12,14	12,26	12,32	12,33	11,90	11,08	14
15	10,61	11,08	5,62	8,36	10,98	11,71	12,38	12,14	12,43	12,42	11,82	11,01	15
16	10,67	11,12	6,34	8,76	10,84	11,53	12,31	12,35	12,34	12,52	11,98	11,07	16
17	10,91	10,90	7,31	8,92	10,76	11,66	12,36	12,35	12,30	12,40	11,51	11,14	17
18	10,86	10,95	8,19	9,14	11,22	11,73	12,47	12,34	12,48	12,60	11,36	11,25	18
19	10,82	11,05	8,73	9,27	11,05	11,75	12,24	12,35	12,65	12,58	11,70	11,28	19
20	10,95	10,99	8,81	9,51	11,41	11,66	12,30	12,28	12,63	12,62	11,66	11,24	20
21	10,97	10,95		9,52	11,18	11,58	12,15	12,18	12,56	12,58	11,68	11,43	21
22	11,06	10,95		9,70	11,06	11,48	12,26	12,48	12,66	12,61	11,73	11,35	22
23	10,90	10,94		9,92	10,99	11,42	12,16	12,60	12,62	12,54	11,85	11,08	23
24	11,39	11,04	2,64	9,96	10,88	11,38	12,14	12,38	12,56	12,55	11,75	10,80	24
25	11,08	11,05	2,54	10,16	10,82	11,56	12,06	12,49	12,59	12,51	11,60	10,76	25
26	10,99	10,96	2,65	10,14	10,73	11,59	12,24	12,55	12,52	12,44		7,98	26
27	11,14	11,08	3,10	10,19	10,77	11,54	12,53	12,48	12,55	12,56		6,40	27
28	10,90	11,08	4,37	10,24	11,20	11,48	12,31	12,60	12,66	12,48		6,28	28
29	10,93		5,92	10,19	11,22	11,62	12,13	12,61	12,55	12,37		6,49	29
30	10,92		7,17	10,43	11,69	11,45	12,15	12,49	12,50	12,40		7,36	30
31	10,91		7,86		12,06		11,96			12,41		8,45	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN	10,79	10,99		7,29	10,88	11,68	12,16			12,53			MEAN
INST MAX	10,03 (1)	10,63 (4)		2,61 (5)	10,14 (5)	11,09 (3)	11,24 (2)			12,14 (14)			INST MAX
INST MIN	12,09 (24)	11,55 (9)		10,69 (30)	12,53 (31)	13,29 (5)	12,74 (27)			12,88 (1)			INST MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 400

TOWNSHIP OF SIDNEY　CONC'. 5　LOT 1

WELL REC #: 2906088
UTM CO-ORD: Z-18 E291640 N4896980
LAT & LONG: 44-12NORTH 77-37WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: JAN, 1974
MEASURE PT: 1,0 METRES ABOVE GROUND SURFACE
GND ELEV: 122 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BLACK TOPSOIL 0,3; BROWN SAND 0,9; LOOSE BROWN SAND AND FINE GRAVEL 2,1; BROWN SAND AND COARSE GRAVEL 15,3; BROWN SAND GRAVEL BOULDERS 18,3; GREY LIMESTONE 19,8,

DIAMETER OF WELL: 18 CM
LENGTH OF CASING: 15,3 METRES
LENGTH OF SCREEN: 3,0 METRES
DEPTH OF WELL: 18,3 METRES

PUMP RATE: 11 L/S
SPEC. CAP: 2,23 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	15,44		15,55	14.94		13,99	14,39	15.06	15,23				1
2	15,44		15,56	14.92		13,99	14,40	15.06	15,24				2
3	15,44		15,56	14.91		13,99	14,42	15.06	15,24				3
4	15,43		15,56	14.90	14,19	14,00	14,47	15.06	15,26				4
5	15,43		15,54	14.90	14,17	14,00	14,50	15.06	15,27				5
6	15,43		15,51	14.88	14,14	14,02	14,53	15.06	15,27				6
7	15,43		15,50	14.85	14,12	14,03	14,57	15.06	15,29				7
8			15,47	14.82	14,10	14,05	14,60	15.07	15,30				8
9			15,45	14.79	14,08	14,06	14,63	15.07	15,31				9
10			15,44	14.77	14,06	14,08	14,66	15.08	15,32				10
11			15,42	14.76	14,05	14,09	14,70	15.08	15,33			15,95	11
12			15,41	14.74	14,04	14,11	14,72	15.09	15,34			15,96	12
13		15,51	15,40	14.72	14,03	14,11	14,75	15.09				15,97	13
14		15,51	15,39	14.69	14,02	14,14	14,76	15.09				15,99	14
15		15,51	15,37	14.67	14,01	14,17	14,78	15.10				16,00	15
16		15,51	15,35	14.65	14,01	14,19	14,79	15.10				16,01	16
17		15,51		14.62	14,00	14,23	14,81	15.10				16,02	17
18		15,52		14.60	14,00	14,26	14,83	15.10				16,02	18
19		15,52		14.58	13,99	14,28	14,85	15.10				16,02	19
20		15,51	15.14		13,99	14,31	14,87	15.10				16,01	20
21		15,52	15.13		13,99	14,32	14,92	15.12				16,00	21
22		15,54	15.11		13,99	14,32	14,96	15.13				16,00	22
23		15,54	15.10		13,99	14,33	15,00	15.15				16,00	23
24		15,54	15.08		13,99	14,33	15,03	15.16				16,00	24
25		15,55	15.07		13,99	14,34	15,06	15.18				16,00	25
26		15,55	15.05		13,99	14,34	15,07	15.19				16,00	26
27		15,55	15.03		13,99	14,36	15,07	15.20				16,00	27
28		15,55	15.01		13,99	14,37	15,07	15.20				16,00	28
29			14.99		13,99	14,37	15,07	15.20				16,00	29
30			14.97		13,99	14,38	15,06	15.20				16,01	30
31			14.95		13,99		15,06	15.21				16,00	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN						14,19	14,79	15,11					MEAN
INST MAX						13,99 (1)	14,39 (1)	15,06 (5)					INST MAX
INST MIN						14,39 (30)	15,07 (26)	15,22 (31)					INST MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 554

TOWNSHIP OF SIDNEY　CONC'. 5　LOT 13

WELL REC #: 2909393
UTM CO-ORD: Z-18 E296000 N4898120
LAT & LONG: 44-13NORTH 77-00WEST

REC METHOD: A-35 RECORDER
REC COMMCD: JUNE 20 1979
MEASURE PT: 0,55 METRES ABOVE GROUND SURFACE
GND ELEV: 122 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: DENSE BROWN CLAY & STONES 6,1; LOOSE BROWN SAND & GRAVEL 17,4; SHATTERED GREY LIMESTONE 17,7,

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 13,7 METRES
LENGTH OF SCREEN: 3,4 METRES
DEPTH OF WELL: 17,1 METRES

PUMP RATE: 11,4 L/S
SPEC. CAP: 2,81 L/S/M
AQUIFER : SAND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1							2,79	2,96	3,13	3,24	3,32	3,34	1
2							2,80	2,97	3,13	3,24	3,32	3,35	2
3							2,81	2,97	3,14	3,25	3,32	3,36	3
4							2,82	2,98	3,14	3,25	3,33	3,37	4
5							2,83	2,98	3,15	3,26	3,33	3,37	5
6							2,83	3,00	3,15	3,26	3,34	3,37	6
7							2,84	3,00	3,15	3,25	3,34	3,38	7
8							2,85	3,00	3,16	3,24	3,34	3,38	8
9							2,85	3,01	3,16	3,25	3,34	3,38	9
10							2,85	3,00	3,17	3,26	3,35	3,38	10
11							2,85	3,01	3,17	3,26	3,34	3,38	11
12							2,86	3,02	3,18	3,26	3,34	3,39	12
13							2,86	3,03	3,19	3,26	3,34	3,39	13
14							2,88	3,05	3,19	3,26	3,34	3,39	14
15							2,89	3,05	3,14	3,26	3,35	3,40	15
16							2,89	3,06	3,15	3,26	3,35	3,40	16
17							2,90	3,06	3,17	3,26	3,36	3,40	17
18							2,90	3,07	3,18	3,26	3,36	3,40	18
19							2,91	3,07	3,19	3,27	3,37	3,40	19
20							2,91	3,07	3,20	3,27	3,37	3,40	20
21							2,92	3,08	3,20	3,28	3,37	3,41	21
22							2,93	3,08	3,21	3,28	3,38	3,41	22
23							2,93	3,09	3,21	3,29	3,38	3,41	23
24							2,94	3,09	3,21	3,29	3,38	3,38	24
25							2,94	3,10	3,22	3,29	3,38	3,29	25
26						2,76	2,94	3,11	3,23	3,30	3,37	3,19	26
27						2,77	2,95	3,11	3,23	3,30	3,34	3,17	27
28						2,77	2,95	3,11	3,23	3,30	3,32	3,16	28
29						2,78	2,95	3,11	3,23	3,31	3,33	3,15	29
30						2,79	2,95	3,12	3,24	3,31	3,34	3,15	30
31							2,96	3,12		3,31		3,14	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN							2,89	3,05	3,18	3,27	3,35	3,34	MEAN
INST MAX							2,79 (1)	2,96 (1)	3,12 (1)	3,24 (1)	3,32 (1)	3,14 (31)	INST MAX
INST MIN							2,96 (31)	3,12 (31)	3,24 (30)	3,32 (31)	3,38 (23)	3,41 (23)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
HASTINGS COUNTY

OBSERVATION WELL 122

TOWNSHIP OF THURLOW CONC. 6 LOT 22

WELL REC #: 2905483
UTM CO-ORD: Z-18 E312800 N4904950
LAT & LONG: 44-17NORTH 77-21WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: FEB 2 1965
MEASURE PT: 0.6 METRES ABOVE GROUND SURFACE
GND ELEV: 114 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: STONEY CLAY 9.2.

DIAMETER OF WELL: 122 CM
LENGTH OF CASING: 9.2 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 9.2 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : CLAY
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1				0.75	0.81	1.47	2.32	3.01	3.46	3.52	3.05	1.22	1
2				0.60	0.82	1.50	2.34	3.03	3.47	3.52	3.05	1.16	2
3				0.59	0.80	1.53	2.37	3.04	3.48	3.53	3.04	1.15	3
4				0.70	0.75	1.56	2.40	3.06	3.49	3.54	3.04	1.16	4
5				0.57	0.79	1.59	2.44	3.07	3.50	3.55	3.03	1.17	5
6				0.56	0.81	1.63	2.47	3.09	3.51	3.56	3.03	1.17	6
7				0.66	0.80	1.66	2.50	3.11	3.52	3.56	3.03	1.15	7
8				0.74	0.83	1.69	2.52	3.13	3.53	3.56	3.03	1.13	8
9				0.76	0.86	1.72	2.55	3.14	3.54	3.55	3.03	1.10	9
10				0.75	0.90	1.75	2.57	3.16	3.55	3.53	3.03	1.05	10
11				0.76	0.94	1.78	2.60	3.18	3.56	3.51	3.03	1.05	11
12				0.78	0.98	1.82	2.62	3.19	3.57	3.48	3.02	1.06	12
13				0.79	0.96	1.85	2.64	3.21	3.59	3.45	2.99	1.05	13
14				0.68	1.00	1.88	2.66	3.22	3.58	3.41	2.96	0.98	14
15				0.73	1.03	1.90	2.68	3.24	3.56	3.37	2.94	0.95	15
16				0.76	1.02	1.92	2.71	3.25	3.56	3.33	2.91	0.98	16
17				0.78	1.06	1.94	2.73	3.27	3.55	3.30	2.88	1.02	17
18				0.80	1.09	1.97	2.75	3.28	3.54	3.27	2.85	1.03	18
19				0.81	1.13	2.00	2.77	3.30	3.53	3.24	2.82	1.06	19
20			0.58	0.83	1.17	2.03	2.79	3.32	3.52	3.22	2.79	1.09	20
21			0.60	0.85	1.21	2.05	2.81	3.33	3.51	3.20	2.76	1.13	21
22			0.62	0.87	1.24	2.08	2.83	3.34	3.51	3.19	2.73	1.16	22
23			0.63	0.89	1.28	2.11	2.85	3.36	3.50	3.17	2.70	1.16	23
24			0.64	0.91	1.32	2.14	2.86	3.37	3.50	3.15	2.66	0.95	24
25			0.65	0.93	1.36	2.16	2.88	3.38	3.50	3.13	2.60	0.69	25
26			0.71	0.94	1.36	2.20	2.90	3.40	3.50	3.11	2.51	0.54	26
27			0.75	0.73	1.35	2.22	2.91	3.41	3.50	3.10	2.41	0.66	27
28			0.77	0.71	1.37	2.25	2.93	3.42	3.50	3.09	2.20	0.73	28
29			0.75	0.77	1.39	2.27	2.94	3.43	3.51	3.08	1.74	0.76	29
30			0.74	0.79	1.42	2.29	2.96	3.44	3.51	3.07	1.39	0.77	30
31			0.69		1.44		2.98	3.45		3.06		0.79	31
						-MONTHLY SUMMARY-							
MEAN				0.76	1.07	1.90	2.69	3.25	3.52	3.33	2.77	1.00	MEAN
INST MAX				0.45 (2)	0.73 (3)	1.45 (1)	2.30 (1)	3.00 (1)	3.46 (1)	3.06 (31)	1.27 (30)	0.48 (26)	INST MAX
INST MIN				0.95 (26)	1.45 (31)	2.30 (30)	3.00 (31)	3.46 (31)	3.59 (14)	3.57 (8)	3.06 (1)	1.27 (1)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
REG. MUNICIPALITY OF OTTAWA-CARLETON

OBSERVATION WELL 555

TOWNSHIP OF GLOUCESTER RF 5 LOT 28

WELL REC #: 1514800
UTM CO-ORD: Z-18 E455400 N5015260
LAT & LONG: 45-18NORTH 75-34WEST

REC METHOD: A-35 RECORDER
REC COMMCD: AUG. 02 1979
MEASURE PT: 0.0 METRES ABOVE GROUND SURFACE
GND ELEV: 116 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: PACKED BROWN SAND WITH GRAVEL & BOULDERS 2.1; GREY LIMESTONE 9.8; BROKEN GREY LIMESTONE 21.4.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 2.4 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 21.4 METRES

PUMP RATE: 2.1 L/S
SPEC. CAP: 0.04 L/S/M
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									8.03	7.05			1
2									7.99	7.02			2
3									8.00	7.04			3
4									8.02	7.05			4
5									7.99	7.06			5
6									7.92	6.98			6
7									7.99	7.04			7
8									8.04	7.07			8
9									8.03	7.07			9
10									7.98	7.04			10
11									8.04	6.95			11
12									8.05	6.89			12
13									8.02	6.80			13
14									7.98	6.82			14
15									8.00	6.72			15
16									7.91	6.63			16
17									7.75	6.52			17
18									7.58	6.43			18
19									7.54	6.34			19
20									7.50	6.20			20
21									7.39	6.13			21
22								7.95	7.37	6.06			22
23								7.95	7.38	5.96			23
24								7.96	7.32	5.88			24
25								8.01	7.22	5.85			25
26								8.06	7.17	5.86			26
27								8.03	7.17	5.85			27
28								8.06	7.12	5.74			28
29								8.05	7.09	5.69			29
30								8.07	7.09				30
31								8.10					31
						-MONTHLY SUMMARY-							
MEAN									7.69				MEAN
INST MAX									7.06 (30)				INST MAX
INST MIN									8.06 (1)				INST MIN

ENVIRONMENT ONTARIO | OBSERVATION WELL 541 | WELL REC #: 1514435
TORONTO | | UTM CO-ORD: Z-84 E405155 N014864
REG. MUNICIPALITY OF OTTAWA-CARLETON | TOWNSHIP OF NEPEAN | RF 3 | LOT 201 | LAT & LONG: 45-17 NORTH 75 - 45WEST

REC METHOD: A35 RECORDER
REC COMMCD: NOV. 30 1978
MEASURE PT: METRES ABOVE GROUND SURFACE
GND ELEV: 94 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: GREY CLAY 4,0; WHITE SANDSTONE 89,7.

DIAMETER OF WELL: 30 CM
LENGTH OF CASING: 6,7 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 89,7 METRES

PUMP RATE: 6 L/S
SPEC. CAP: N.A.
AQUIFER : WHITE SANDSTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW MEASURING POINT

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	3,54	3,24	3,22	2,02	2,21	2,60	2,71	3,18	2,99	3,01	2,54	2,09	1
2	3,35	3,25	3,22	1,99	2,25	2,60	2,03	3,10	3,00	3,03	2,55	2,13	2
3	3,29	3,25	3,23	1,87	2,26	2,61	1,97	2,97	3,02	3,05	2,57	2,17	3
4	3,26	3,26	3,15	1,88	2,24	2,64	2,04	2,97	3,06	3,07	2,62	2,20	4
5	3,25	3,27	2,97	1,88	2,23	2,68	2,14	2,97	3,08	3,08	2,64	2,24	5
6	3,23	3,28	2,76	1,85	2,24	2,71	2,21	2,90	3,09	3,04	2,64	2,26	6
7	3,22	3,28	2,58	1,91	2,29	2,73	2,27	2,89	3,12	2,99	2,64	2,26	7
8	3,22	3,28	2,48	1,95	2,31	2,76	2,34	2,91	3,16	2,99	2,65	2,27	8
9	3,22	3,29	2,39	1,98	2,34	2,78	2,39	2,93	3,21	2,97	2,65	2,29	9
10	3,23	3,30	2,31	2,04	2,38	2,80	2,45	2,94	3,22	2,95	2,65	2,31	10
11	3,25	3,31	2,22	2,09	2,42	2,81	2,51	2,95	3,21	2,93	2,62	2,32	11
12	3,25	3,31	2,23	2,11	2,45	2,81	2,54	2,97	3,23	2,90	2,61	2,32	12
13	3,24	3,32	2,25	2,15	2,45	2,81	2,58	2,98	3,24	2,75	2,60	2,29	13
14	3,23	3,32	2,20	2,11	2,45	2,82	2,62	2,99	3,08	2,63	2,57	2,29	14
15	3,28	3,33	2,14	2,04	2,48	2,83	2,67	3,01	2,68	2,59	2,50	2,31	15
16	3,29	3,34	2,14	2,04	2,51	2,82	2,71	3,04	2,65	2,59	2,48	2,33	16
17	3,30	3,36	2,17	2,05	2,53	2,76	2,76	3,06	2,65	2,59	2,48	2,38	17
18	3,31	3,36	2,17	2,09	2,54	2,76	2,79	3,09	2,65	2,59	2,48	2,41	18
19	3,33	3,36	2,14	2,13	2,56	2,79	2,83	3,11	2,69	2,60	2,48	2,44	19
20	3,31	3,36	2,07	2,17	2,58	2,81	2,87	3,13	2,73	2,61	2,48	2,47	20
21	3,29	3,36	2,00	2,21	2,58	2,82	2,90	3,18	2,75	2,51	2,48	2,48	21
22	3,32	3,38	1,93	2,24	2,55	2,83	2,95	3,20	2,77	2,42	2,48	2,50	22
23	3,36	3,38	1,87	2,28	2,54	2,75	2,98	3,20	2,81	2,42	2,44	2,51	23
24	3,36	3,34	1,82	2,32	2,54	2,70	3,01	3,14	2,84	2,42	2,39	2,42	24
25	3,34	3,26	1,77	2,33	2,56	2,71	3,04	3,11	2,86	2,45	2,38	2,24	25
26	3,35	3,21	1,79	2,36	2,57	2,73	3,07	3,12	2,89	2,48	2,23	2,09	26
27	3,36	3,20	1,88	2,33	2,58	2,75	3,09	3,12	2,92	2,50	1,93	2,08	27
28	3,31	3,22	1,96	2,20	2,59	2,78	3,11	3,15	2,95	2,51	1,93	2,12	28
29	3,27		2,00	2,17	2,59	2,81	3,14	3,07	2,98	2,53	1,96	2,17	29
30	3,26		2,02	2,18	2,60	2,83	3,20	2,99	2,99	2,54	2,02	2,20	30
31	3,25		2,01		2,60		3,22	2,99		2,54		2,24	31
					-MONTHLY SUMMARY-								
MEAN	3,29	3,30	2,29	2,10	2,45	2,75	2,68	3,04	2,95	2,72	2,46	2,28	MEAN
INST MAX	3,21 (14)	3,20 (27)	1,76 (26)	1,83 (6)	2,19 (1)	2,60 (2)	1,96 (3)	2,89 (7)	2,64 (18)	2,42 (22)	1,92 (27)	2,06 (1)	INST MAX
INST MIN	3,63 (1)	3,39 (23)	3,23 (2)	2,37 (27)	2,60 (30)	2,85 (16)	3,26 (30)	3,21 (1)	3,24 (13)	3,08 (5)	2,65 (9)	2,51 (23)	INST MIN

ENVIRONMENT ONTARIO | OBSERVATION WELL 521 | WELL REC #: 5201152
TORONTO | | UTM CO-ORD: Z-18 E499950 N5027100
PRESCOTT COUNTY | TOWNSHIP OF SOUTH PLANTAGENET | CONC. 13 | LOT 17 | LAT & LONG: 45-02 NORTH 75 - 25WEST

REC METHOD: A71 RECORDER
REC COMMCD: APR. 03 1976
MEASURE PT: 0,6 METRES ABOVE GROUND SURFACE
GND ELEV: 67 METRES ABOVE SEA LEVEL
WELL TYPE: DUG
WELL LOG: UNKNOWN 7,9.

DIAMETER OF WELL: 91 CM
LENGTH OF CASING: 7,9 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 7,9 METRES

PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : UNKNOWN
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	7,36	7,54			7,51	7,38	7,25	7,23	7,28	7,32	7,36	7,37	1
2	7,36	7,54			7,51	7,37	7,24	7,23	7,28	7,32	7,36	7,37	2
3	7,37	7,54			7,50	7,36	7,24	7,23	7,28	7,33	7,36	7,37	3
4	7,37	7,54			7,49	7,36	7,24	7,23	7,29	7,33	7,37	7,36	4
5	7,37	7,54			7,49	7,35	7,24	7,23	7,29	7,32	7,37	7,36	5
6	7,37	7,54			7,49	7,35	7,24	7,23	7,28	7,32	7,37	7,36	6
7	7,36	7,54			7,48	7,35	7,24	7,23	7,28	7,33	7,36	7,36	7
8	7,37	7,54			7,47	7,34	7,24	7,24	7,29	7,33	7,36	7,36	8
9	7,38	7,54			7,47	7,34	7,23	7,25	7,29	7,33	7,37	7,37	9
10	7,39	7,54			7,47	7,33	7,23	7,25	7,30	7,33	7,36	7,36	10
11	7,39	7,54		7,59	7,47	7,32	7,23	7,25	7,30	7,33	7,38	7,36	11
12	7,39	7,54		7,58	7,46	7,32	7,22	7,26	7,30	7,33	7,37	7,35	12
13	7,39	7,54		7,58	7,45	7,32	7,22	7,26	7,30	7,34	7,37	7,37	13
14	7,39	7,54		7,57	7,45	7,32	7,22	7,25	7,29	7,34	7,37	7,36	14
15	7,40	7,54		7,57	7,45	7,30	7,22	7,26	7,30	7,34	7,37	7,36	15
16	7,40	7,54		7,57	7,45	7,30	7,22	7,27	7,30	7,34	7,38	7,35	16
17	7,41	7,54		7,57	7,44	7,30	7,22	7,27	7,30	7,34	7,37	7,35	17
18	7,41			7,57	7,44	7,29	7,22	7,27	7,30	7,34	7,38	7,35	18
19	7,41			7,56	7,43	7,29	7,22	7,27	7,31	7,34	7,38		19
20	7,40			7,56	7,43	7,29	7,22	7,27	7,31	7,34	7,38		20
21	7,43			7,55	7,43	7,28	7,22	7,27	7,30	7,34	7,38		21
22	7,43			7,55	7,43	7,27	7,22	7,27	7,31	7,34	7,37		22
23	7,42			7,55	7,42	7,27	7,22	7,27	7,32	7,35	7,37		23
24	7,43			7,54	7,42	7,27	7,22	7,27	7,32	7,35	7,37		24
25	7,43			7,54	7,41	7,27	7,22	7,27	7,31	7,35	7,37		25
26	7,43			7,54	7,41	7,26	7,22	7,28	7,32	7,35	7,36		26
27	7,42			7,54	7,40	7,26	7,23	7,27	7,32	7,35	7,37		27
28	7,43			7,53	7,40	7,26	7,23	7,27	7,32	7,35	7,36		28
29	7,44			7,52	7,40	7,25	7,23	7,27	7,32	7,36	7,37		29
30	7,54			7,51	7,39	7,25	7,23	7,27	7,32	7,36	7,37		30
31	7,54				7,39		7,23	7,28		7,36			31
					-MONTHLY SUMMARY-								
MEAN	7,41				7,45	7,31	7,23	7,26	7,30	7,34	7,37		MEAN
INST MAX	7,35 (7)				7,39 (31)	7,25 (30)	7,22 (19)	7,22 (2)	7,27 (6)	7,31 (6)	7,35 (26)		INST MAX
INST MIN	7,54 (31)				7,51 (1)	7,39 (1)	7,25 (1)	7,28 (31)	7,32 (30)	7,36 (30)	7,38 (18)		INST MIN

ENVIRONMENT ONTARIO
TORONTO
PRINCE EDWARD COUNTY

OBSERVATION WELL 178

TOWNSHIP OF HALLOWELL MT 2 LOT 2

WELL REC #: 5300976
UTM CO-ORD: 7-18 E318640 N4873090
LAT & LONG: 43-59NORTH 77-15WEST

REC METHOD: A35 RECORDER
REC COMMCD: JUL. 18 1966
MEASURE PT: 0.5 METRES ABOVE GROUND SURFACE
GND ELEV: 90 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: GRAVEL 3.0; LIMESTONE 30.5.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 3 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 100 METRES

PUMP RATE: 5 L/S
SPEC. CAP: N.A.
AQUIFER : LIMESTONE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	0,50								4,07		0,37	0,15	1
2	0,42								4,08		0,38	0,16	2
3	0,36								4,09		0,39	0,18	3
4	0,32								4,10		0,39	0,18	4
5	0,31								4,11		0,40	0,19	5
6	0,29								4,12	0,74	0,41	0,19	6
7	0,27								4,13	0,69	0,42	0,20	7
8									4,14	0,62	0,43	0,22	8
9									4,14	0,55	0,44	0,24	9
10									4,14	0,50	0,44	0,25	10
11									4,14	0,43	0,44	0,26	11
12									3,75	0,35	0,40	0,27	12
13									2,45	0,30	0,35	0,28	13
14										0,28	0,32	0,29	14
15										0,29	0,29	0,30	15
16										0,30	0,26	0,30	16
17								3,61		0,31	0,24	0,32	17
18								3,64		0,31	0,23	0,33	18
19								3,66		0,31	0,23	0,34	19
20								3,70		0,30	0,23	0,35	20
21								3,74		0,29	0,24	0,36	21
22								3,77		0,29	0,25	0,37	22
23								3,80		0,29	0,26	0,38	23
24								3,83		0,29	0,27	0,39	24
25								3,85		0,29	0,26	0,39	25
26								3,88		0,30	0,25	0,41	26
27								3,91		0,31	0,25	0,42	27
28								3,94		0,32	0,24	0,43	28
29								4,00		0,33	0,20	0,44	29
30								4,05		0,35	0,16	0,46	30
31								4,06		0,36		0,48	31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN											0,31	0,31	MEAN
INST MAX											0,14 (30)	0,15 (1)	INST MAX
INST MIN											0,44 (9)	0,50 (31)	INST MIN

ENVIRONMENT ONTARIO
TORONTO
COUNTY OF RUSSELL

OBSERVATION WELL 546

TOWNSHIP OF CLARENCE CONC. 6 LOT 181

WELL REC #: 5602221
UTM CO-ORD: 2-84 E857005 N032220
LAT & LONG: 45-03 NORTH 75-27WEST

REC METHOD: A35 RECORDER
REC COMMCD: SEP. 17 1977
MEASURE PT: 0.7 METRES ABOVE GROUND SURFACE
GND ELEV: 230 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: BROWN SAND 3.1; GREY SAND WITH CLAY STREAKS (25.9-29) 30.1 SAND AND GRAVEL WITH BOULDERS 33.6; SOFT, FISSILE LAYERED SHALE 44.8.

DIAMETER OF WELL: 20 CM
LENGTH OF CASING: 34 METRES
LENGTH OF SCREEN: NONE
DEPTH OF WELL: 44.8 METRES

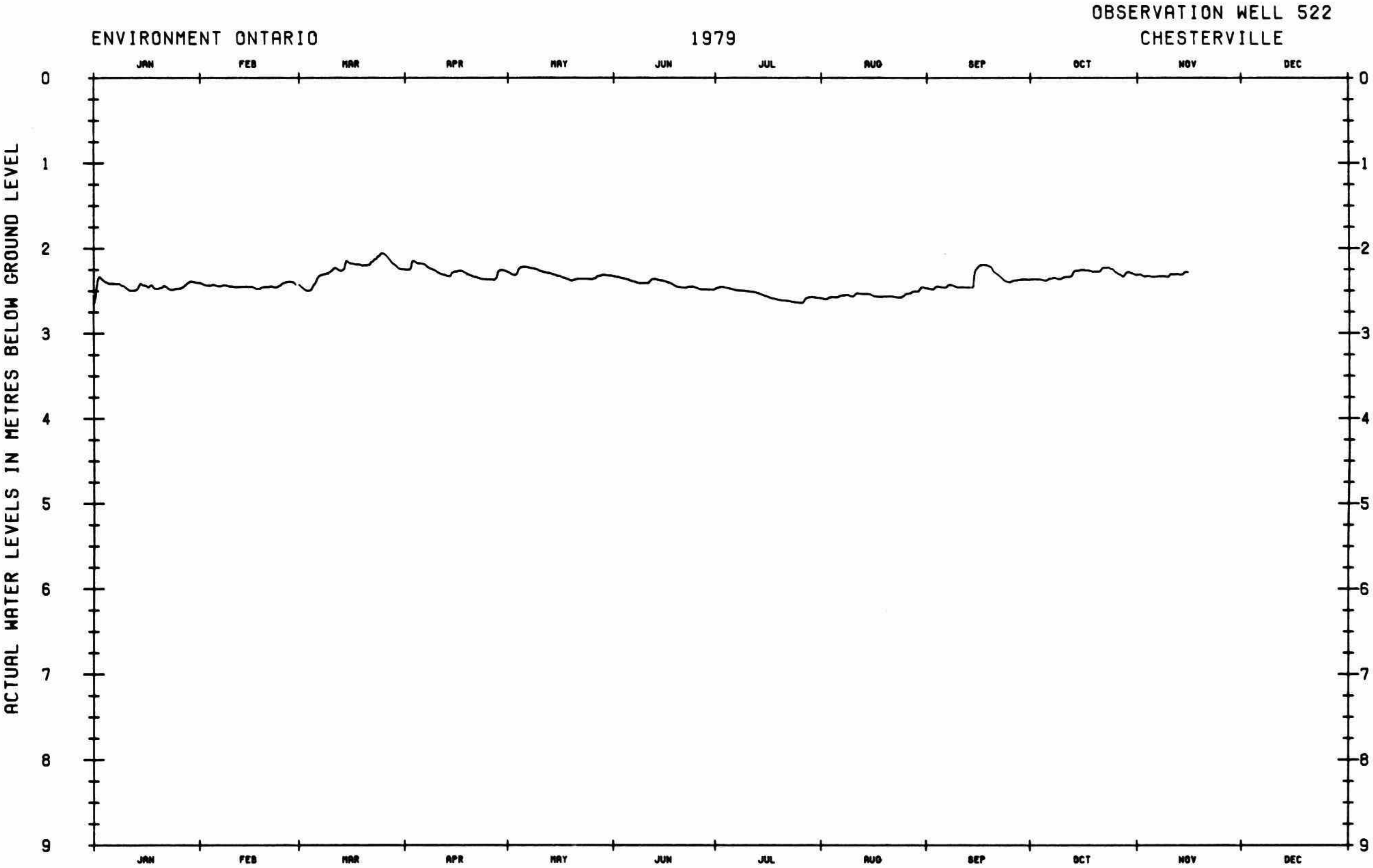
PUMP RATE: N.A.
SPEC. CAP: N.A.
AQUIFER : SHALE
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1		18,08											1
2		18,12											2
3		18,13											3
4		18,09											4
5													5
6													6
7													7
8													8
9													9
10													10
11				17,83									11
12				17,84									12
13				17,85									13
14				17,79									14
15				17,75									15
16				17,79									16
17				17,83									17
18				17,87									18
19				17,89									19
20				17,91									20
21				17,90									21
22				17,90									22
23				17,92									23
24													24
25													25
26													26
27													27
28													28
29													29
30	18,17												30
31	18,12												31

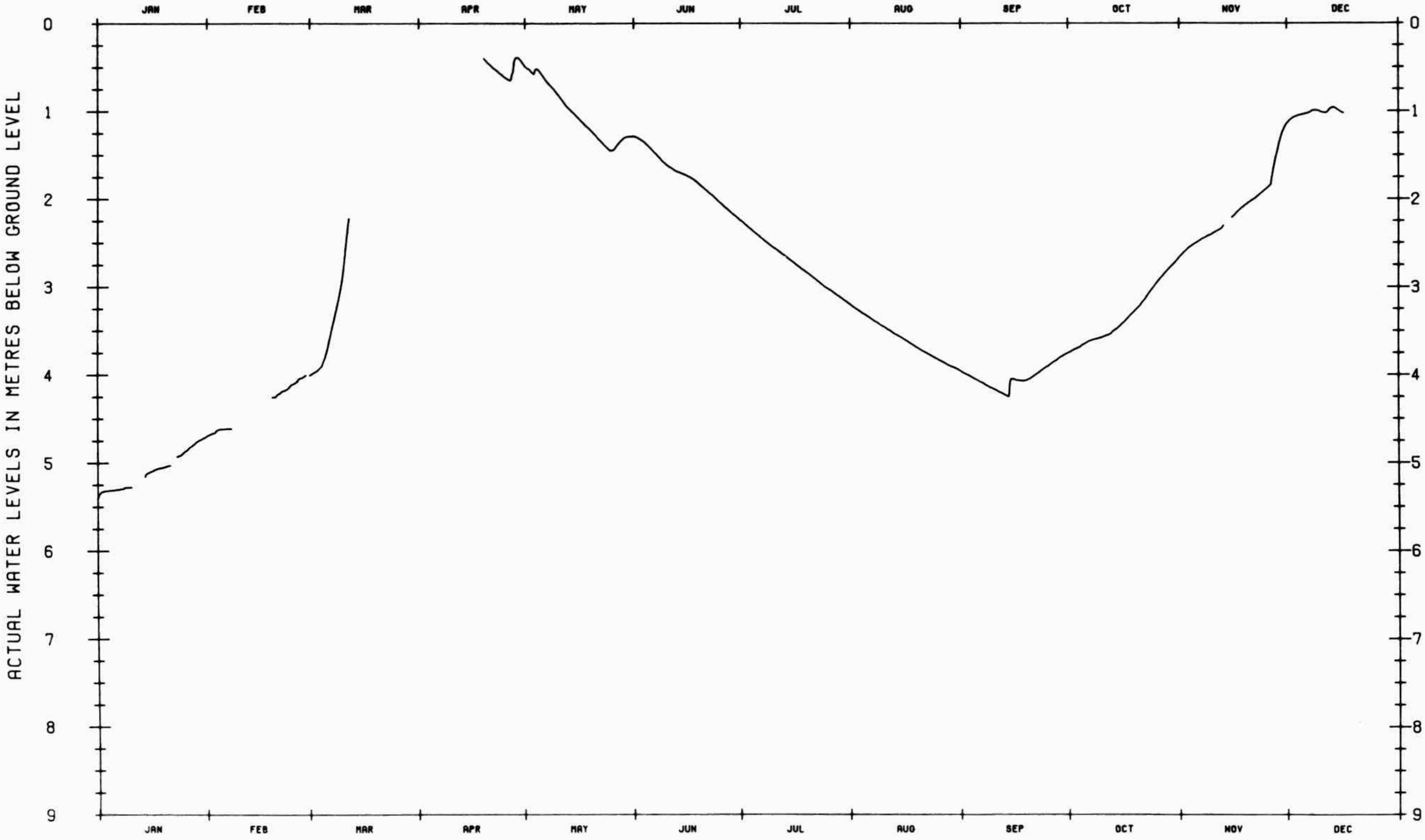
-MONTHLY SUMMARY-

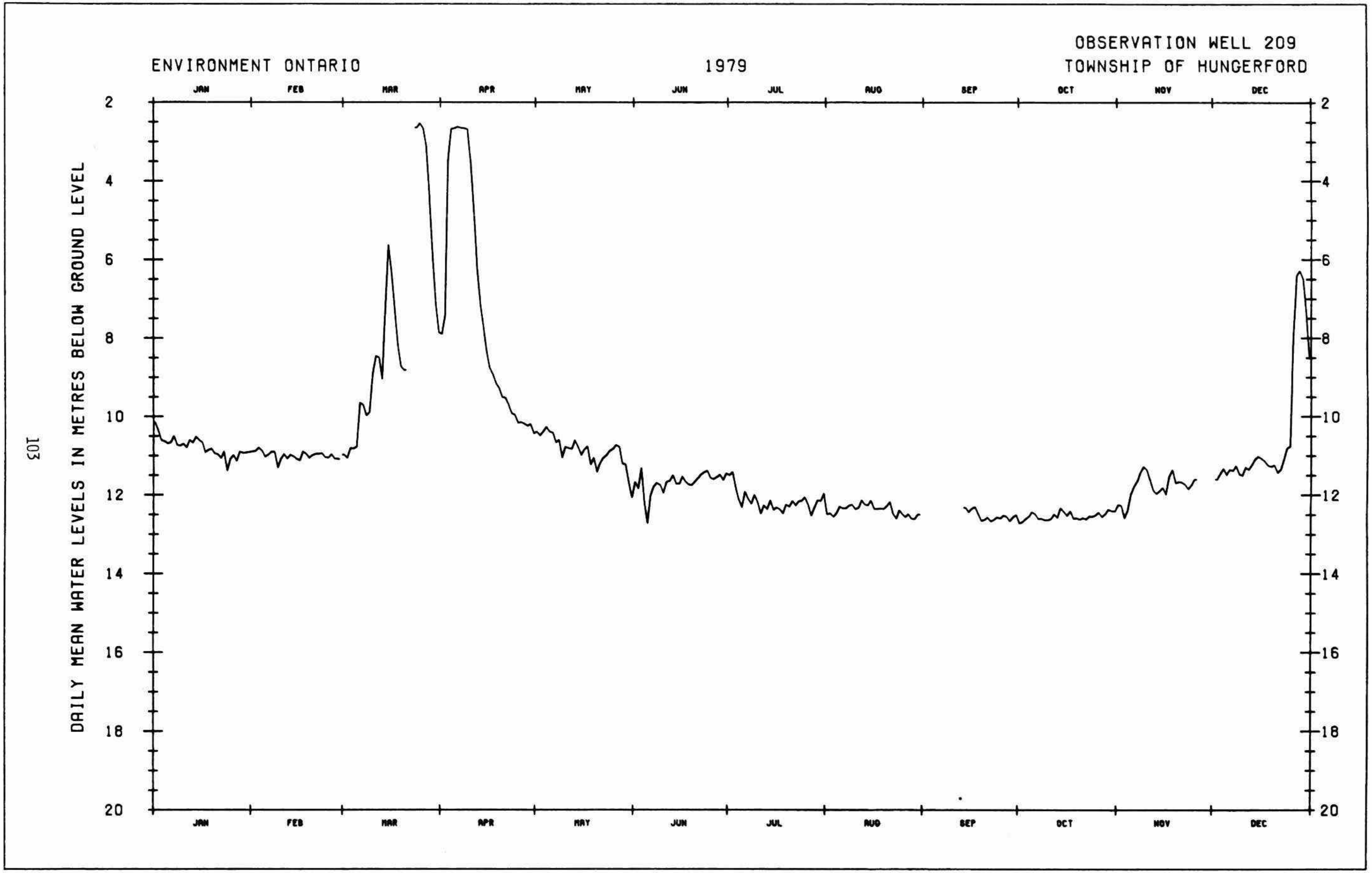
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN													MEAN
INST MAX													INST MAX
INST MIN													INST MIN


OBSERVATION WELL 522
ENVIRONMENT ONTARIO
1979
CHESTERVILLE
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
0
1
2
3
4
5
6
7
8
9

OBSERVATION WELL 523

ENVIRONMENT ONTARIO 1979 TOWNSHIP OF EDWARDSBURGH



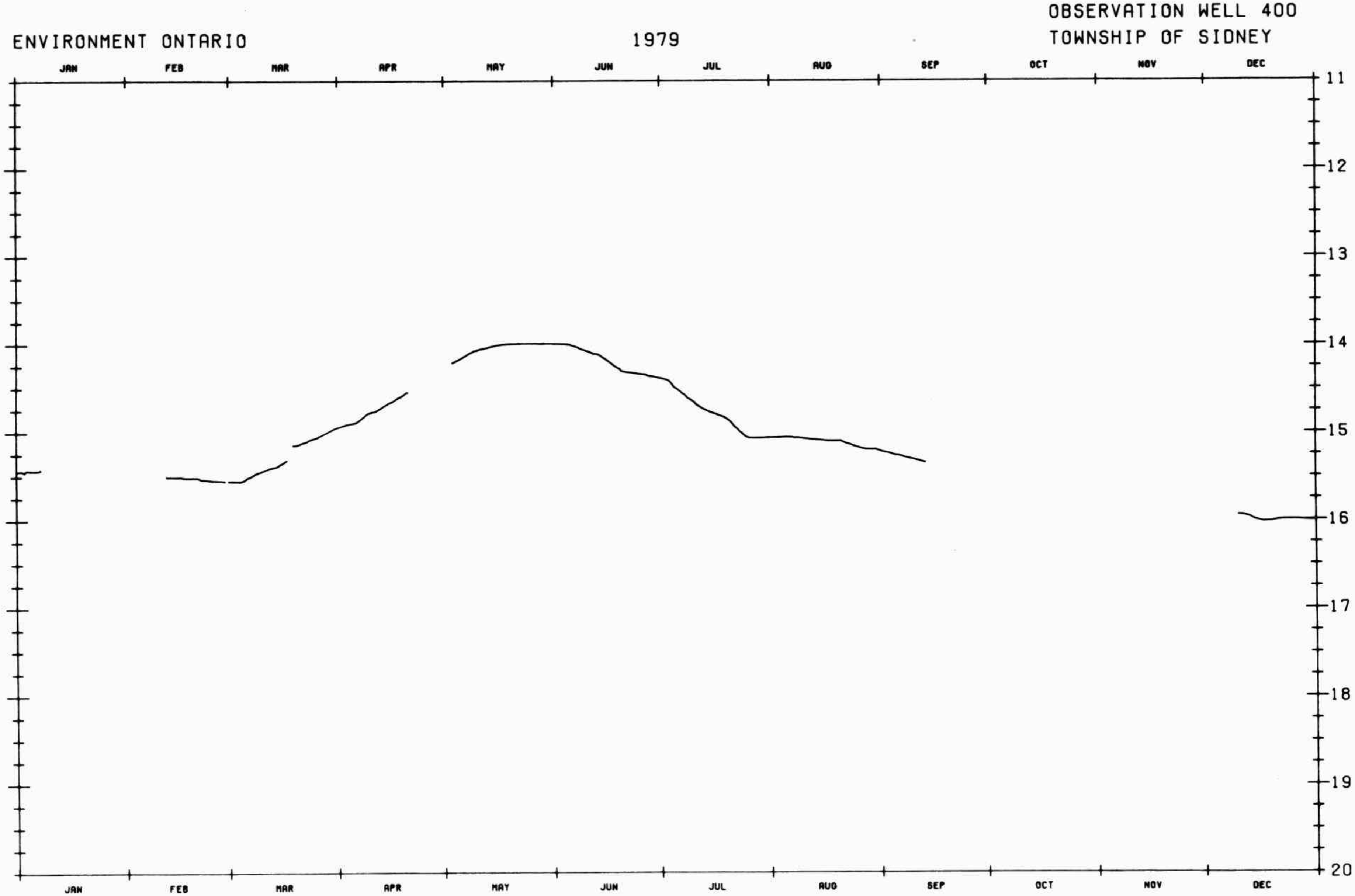


ENVIRONMENT ONTARIO

1979

OBSERVATION WELL 209

TOWNSHIP OF HUNGERFORD


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 400
TOWNSHIP OF SIDNEY
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
11
12
13
14
15
16
17
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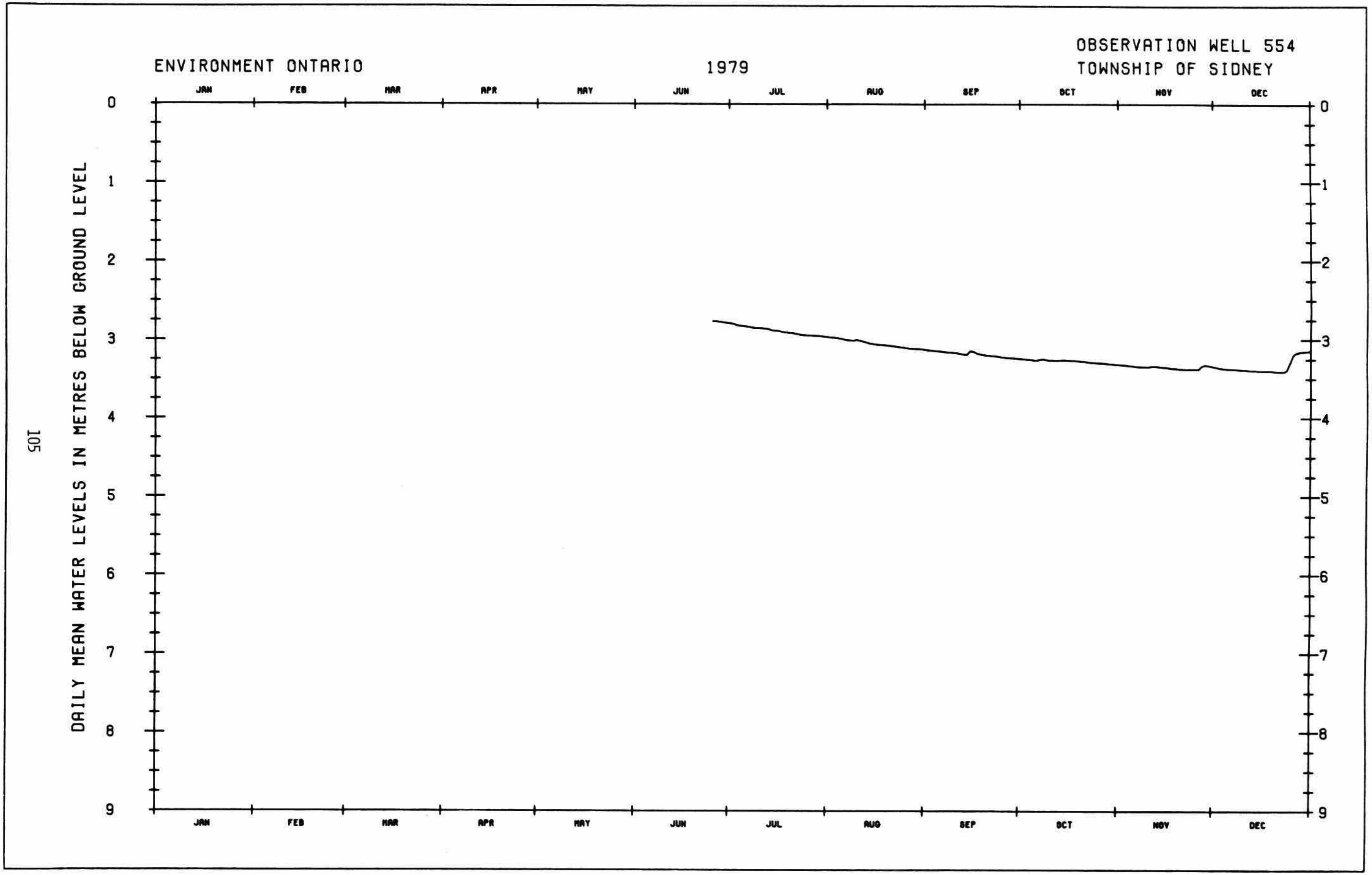
19
20


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 554
TOWNSHIP OF SIDNEY
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
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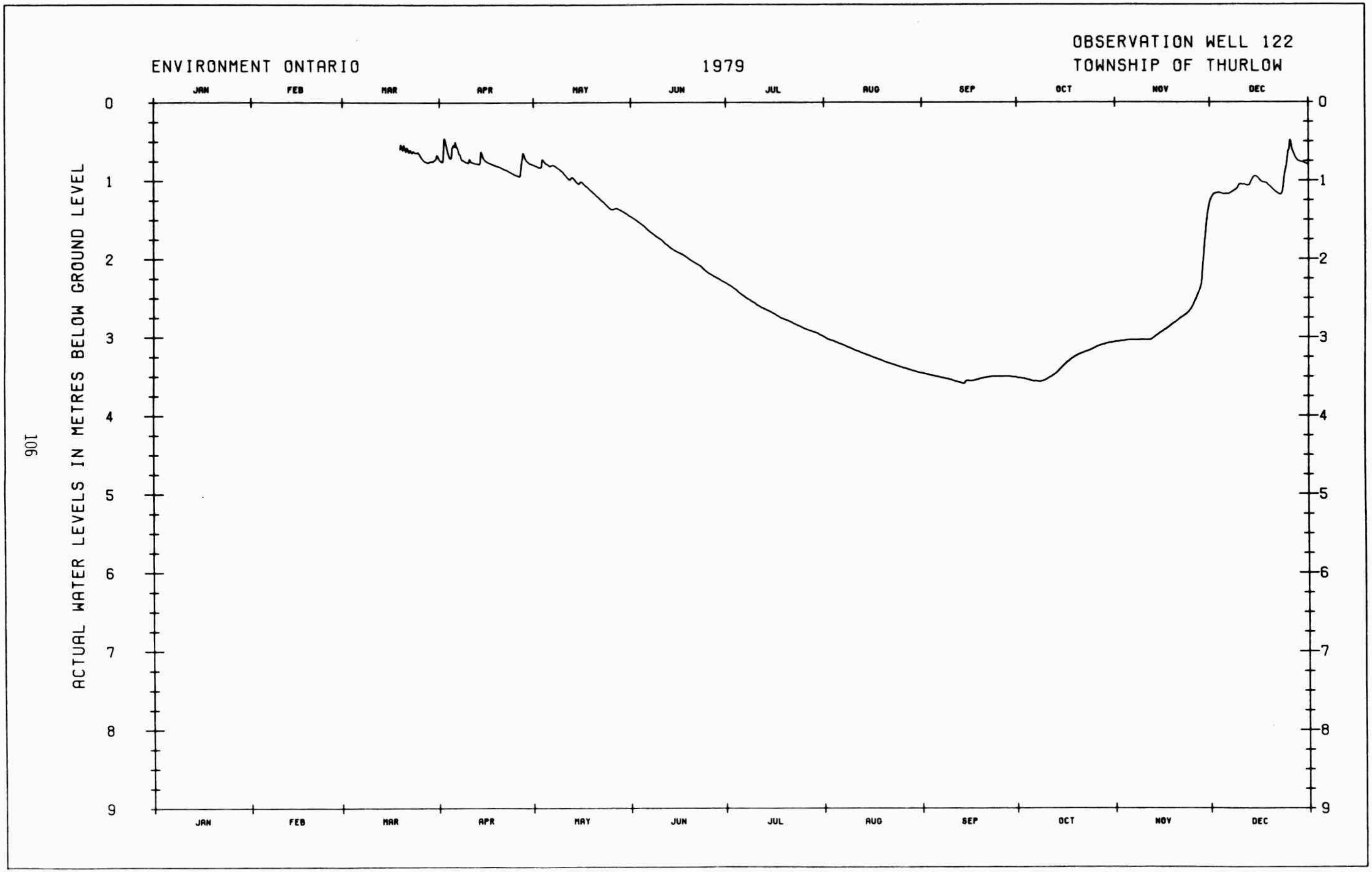
ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 122
TOWNSHIP OF THURLOW
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
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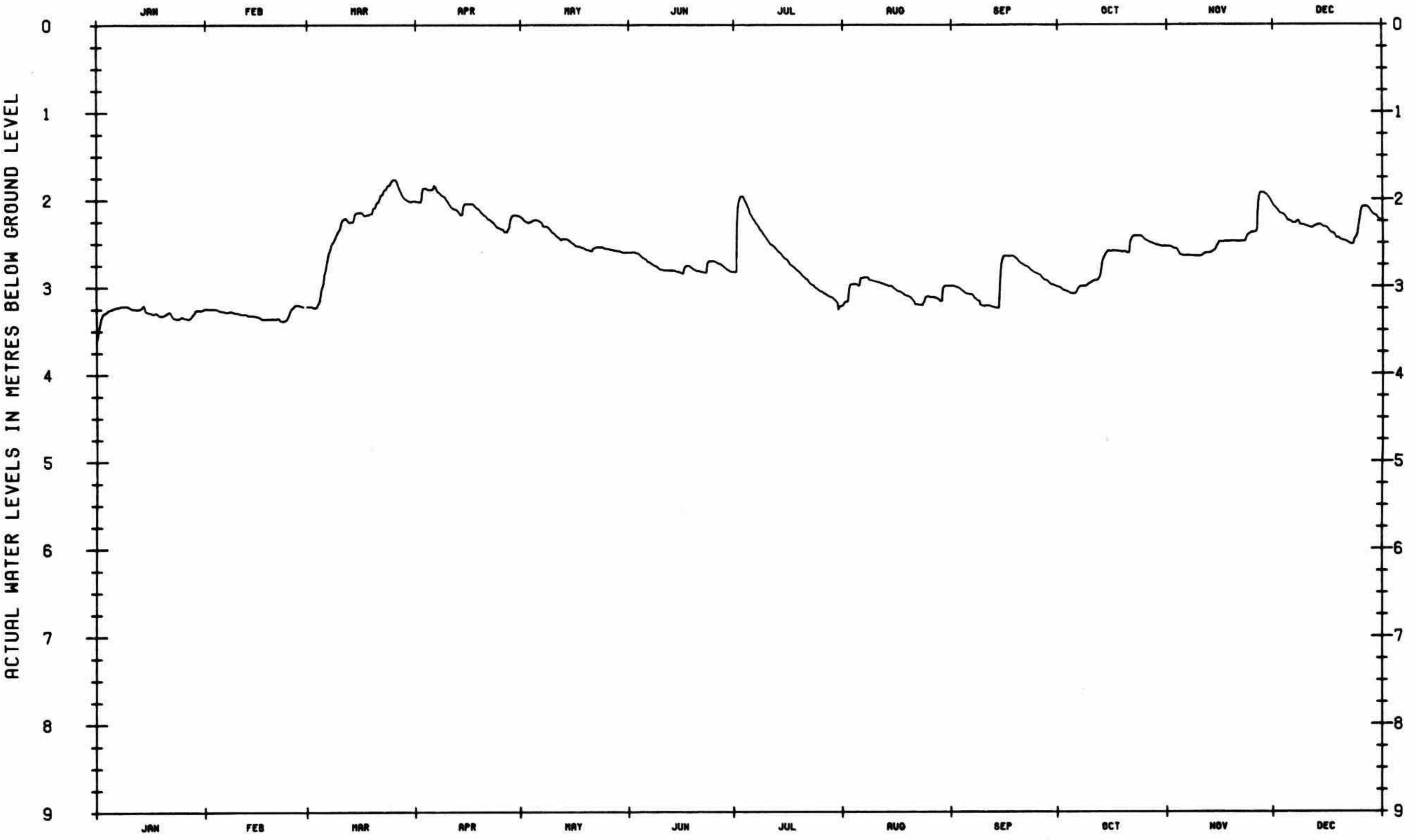
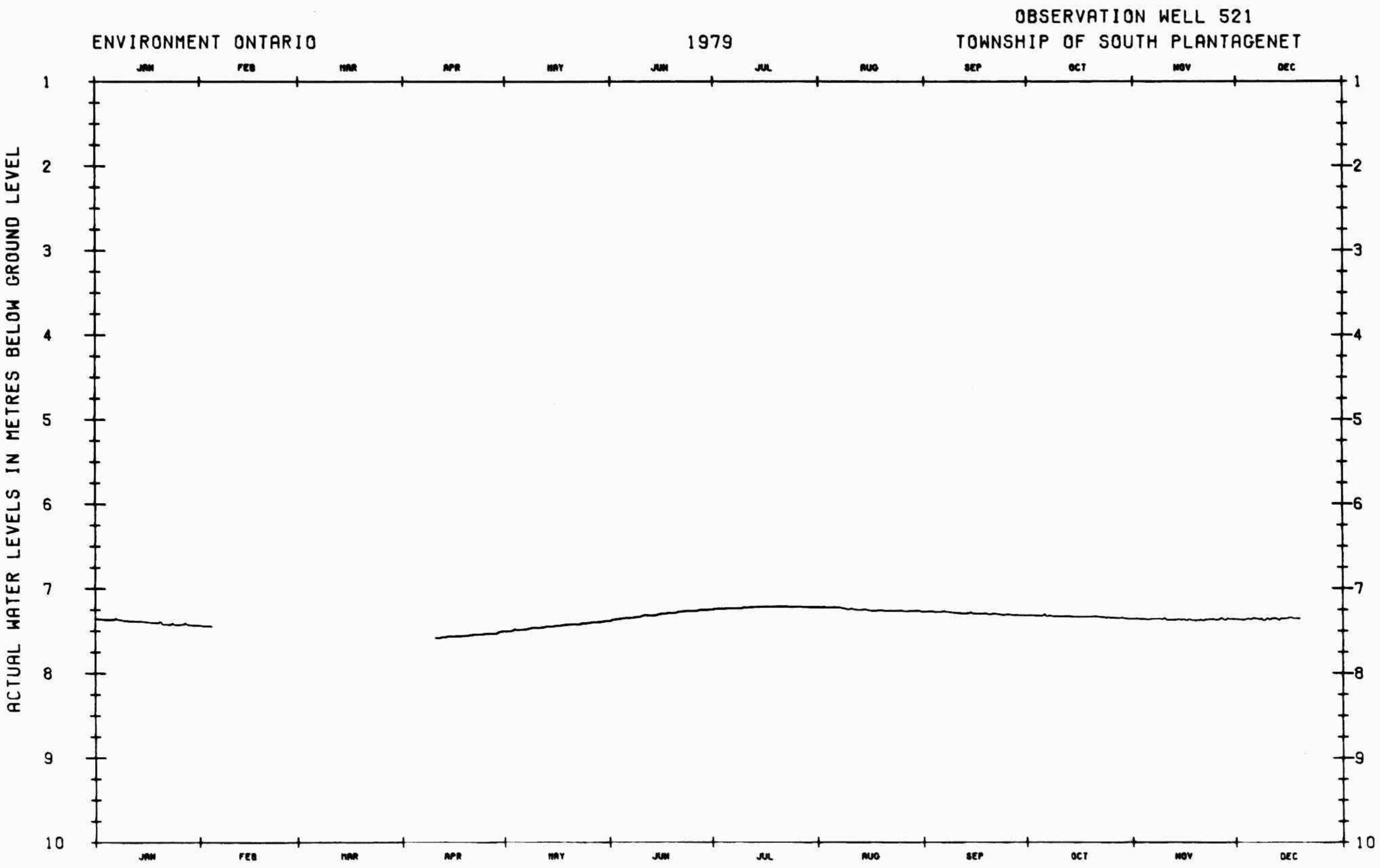
OBSERVATION WELL 541

ENVIRONMENT ONTARIO 1979 TOWNSHIP OF NEPEAN




OBSERVATION WELL 521
ENVIRONMENT ONTARIO
1979
TOWNSHIP OF SOUTH PLANTAGENET
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
1
2
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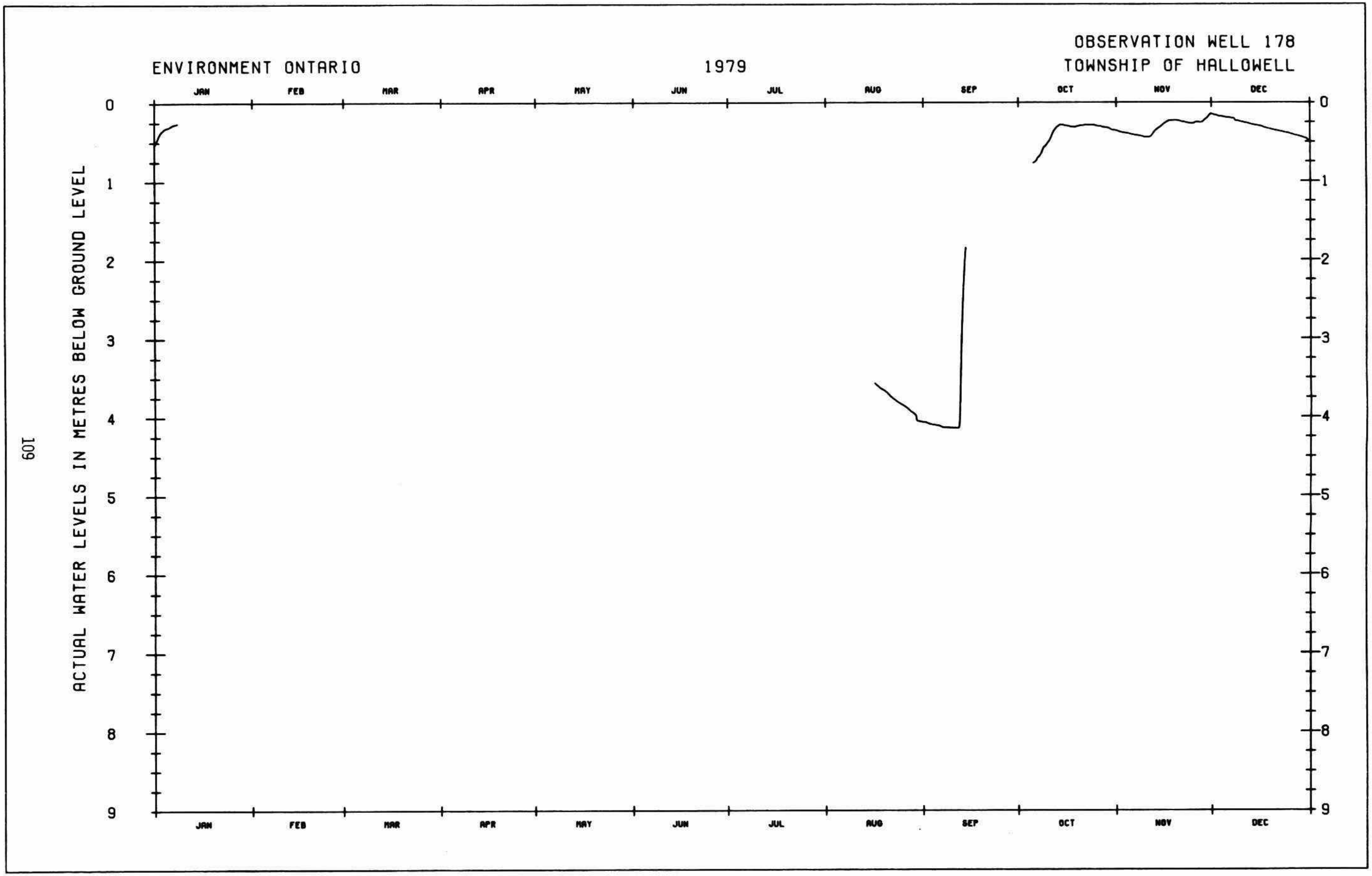
10


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 178
TOWNSHIP OF HALLOWELL
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
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Northeastern Region

⑤

Ministry
of the
Environment
Ontario

OBSERVATION WELL DATA

REGIONAL OFFICE

SUDBURY
199 Larch St.
705-675-4501

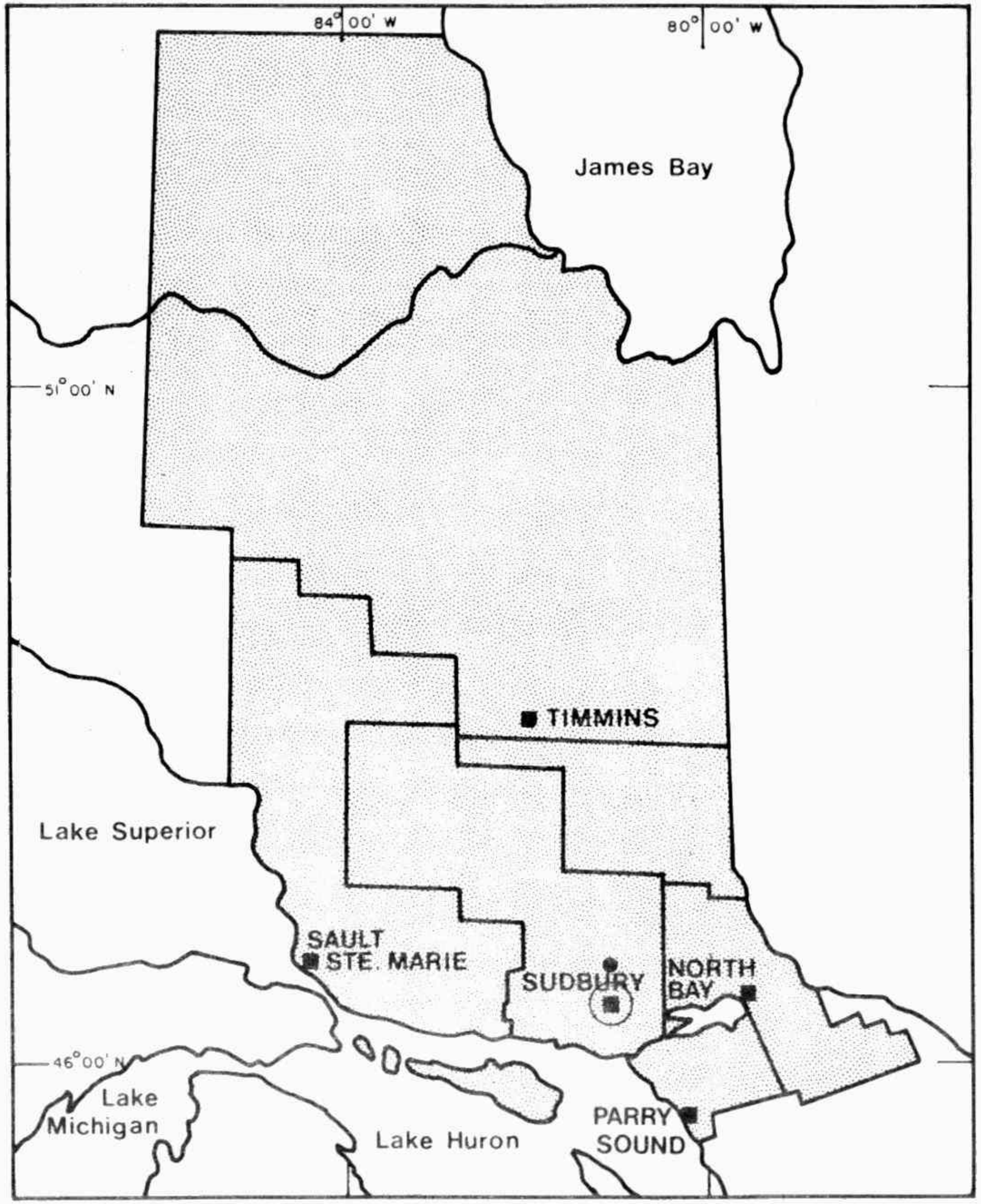
DISTRICT OFFICES

North Bay
1500 Fisher St.
705-476-1001

Sault Ste. Marie
445 Albert St. E.
705-949-4640

Timmins
83 Algonquin Blvd. W.
705-264-9474

Parry Sound
74 Church St.
705-746-2139



OBSERVATION WELL DISTRIBUTION

LEGEND

Regional Office	⊡
District Office	■
Recording Observation Well	●
Number of Recording Wells in same location	●2
Manually Measured Well	▲
Number of Manually Measured Wells in same location	▲2

ENVIRONMENT ONTARIO
TORONTO
SUDBURY DISTRICT

OBSERVATION WELL 550

TOWNSHIP OF HANMER
CONC. 3 LOT 2

WELL REC #: 5903822
UTM CO-ORD: Z-17 E502850 N5167000
LAT & LONG: 46-39NORTH 80-58WEST

REC METHOD: 'F' TYPE RECORDER
REC COMMCD: AUG. 17 1979
MEASURE PT: 0.75 METRES ABOVE GROUND SURFACE
GND ELEV: 296 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: TOPSOIL 0.3; SOFT BROWN CLAY WITH SAND 1.5; LOOSE BROWN SAND 6.4; LOOSE BROWN SAND WITH GRAVEL 13.4; SOFT GREY CLAY 13.7.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 12.5 METRES
LENGTH OF SCREEN: 0.9 METRES
DEPTH OF WELL: 13.4 METRES

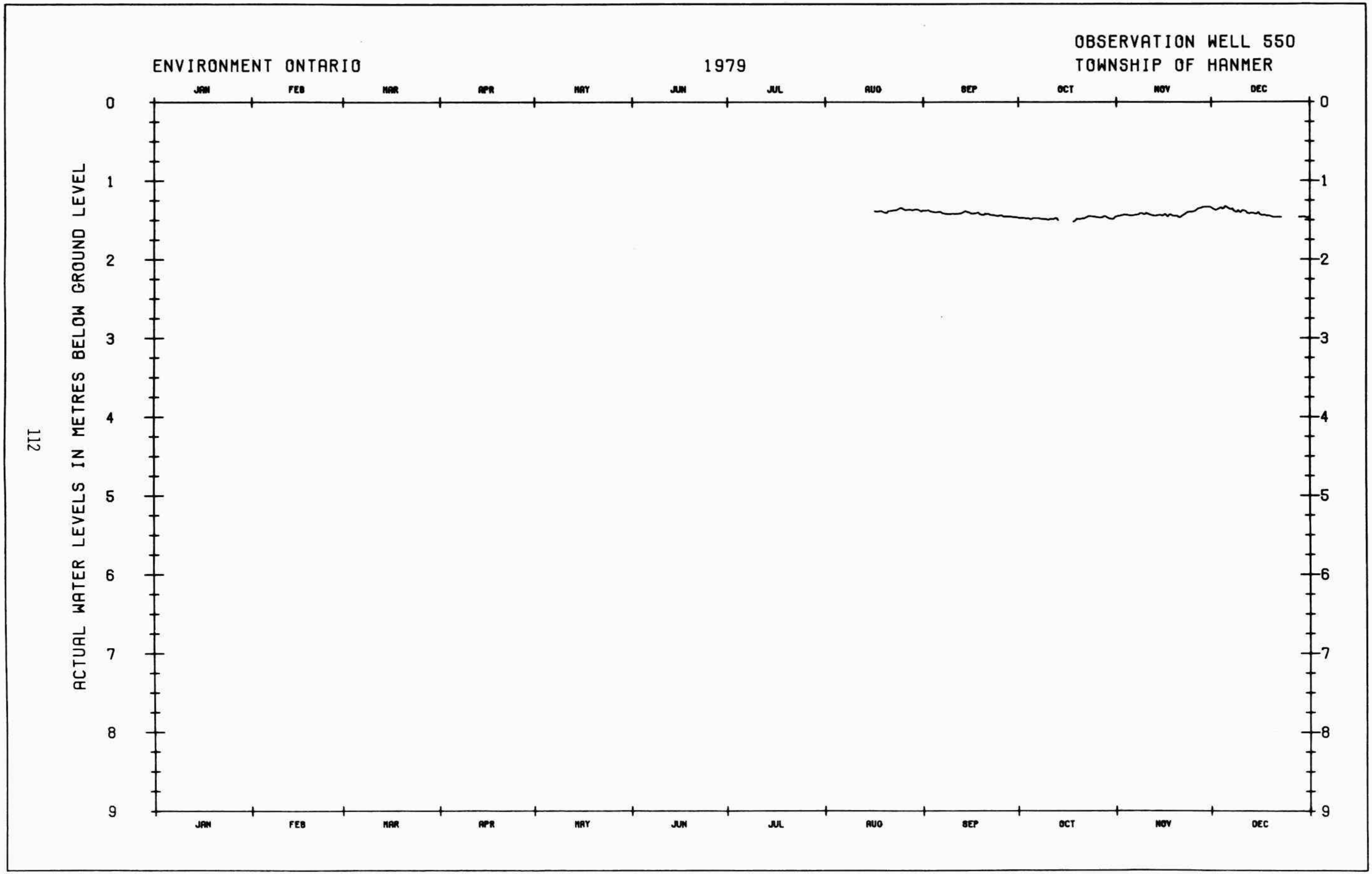
PUMP RATE: 0.2 L/S
SPEC. CAP: 0.035 L/S/MS
AQUIFER : AND
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1									1.38	1.47	1.45	1.35	1
2									1.38	1.47	1.44	1.37	2
3									1.39	1.48	1.43	1.35	3
4									1.40	1.48	1.43	1.35	4
5									1.40	1.48	1.44	1.33	5
6									1.40	1.47	1.43	1.35	6
7									1.42	1.48	1.43	1.36	7
8									1.42	1.48	1.42	1.39	8
9									1.42	1.49	1.42	1.39	9
10									1.42	1.49	1.41	1.39	10
11									1.42	1.49	1.43	1.38	11
12									1.42	1.48	1.44	1.41	12
13									1.41		1.44	1.41	13
14									1.39		1.43	1.42	14
15									1.40		1.44	1.42	15
16									1.42		1.43	1.43	16
17								1.39	1.41		1.44	1.44	17
18								1.38	1.41		1.43	1.44	18
19								1.40	1.43	1.49	1.44	1.45	19
20								1.40	1.43	1.48	1.45	1.46	20
21								1.38	1.42	1.48	1.45	1.46	21
22								1.37	1.43	1.46	1.43	1.46	22
23								1.37	1.44	1.45	1.40		23
24								1.35	1.44	1.45	1.39		24
25								1.35	1.44	1.46	1.39		25
26								1.37	1.45	1.46	1.37		26
27								1.37	1.45	1.46	1.35		27
28								1.37	1.45	1.45	1.33		28
29								1.36	1.46	1.47	1.33	1.46	29
30								1.37	1.46	1.48	1.33	1.46	30
31								1.38		1.47		1.47	31

-MONTHLY SUMMARY-

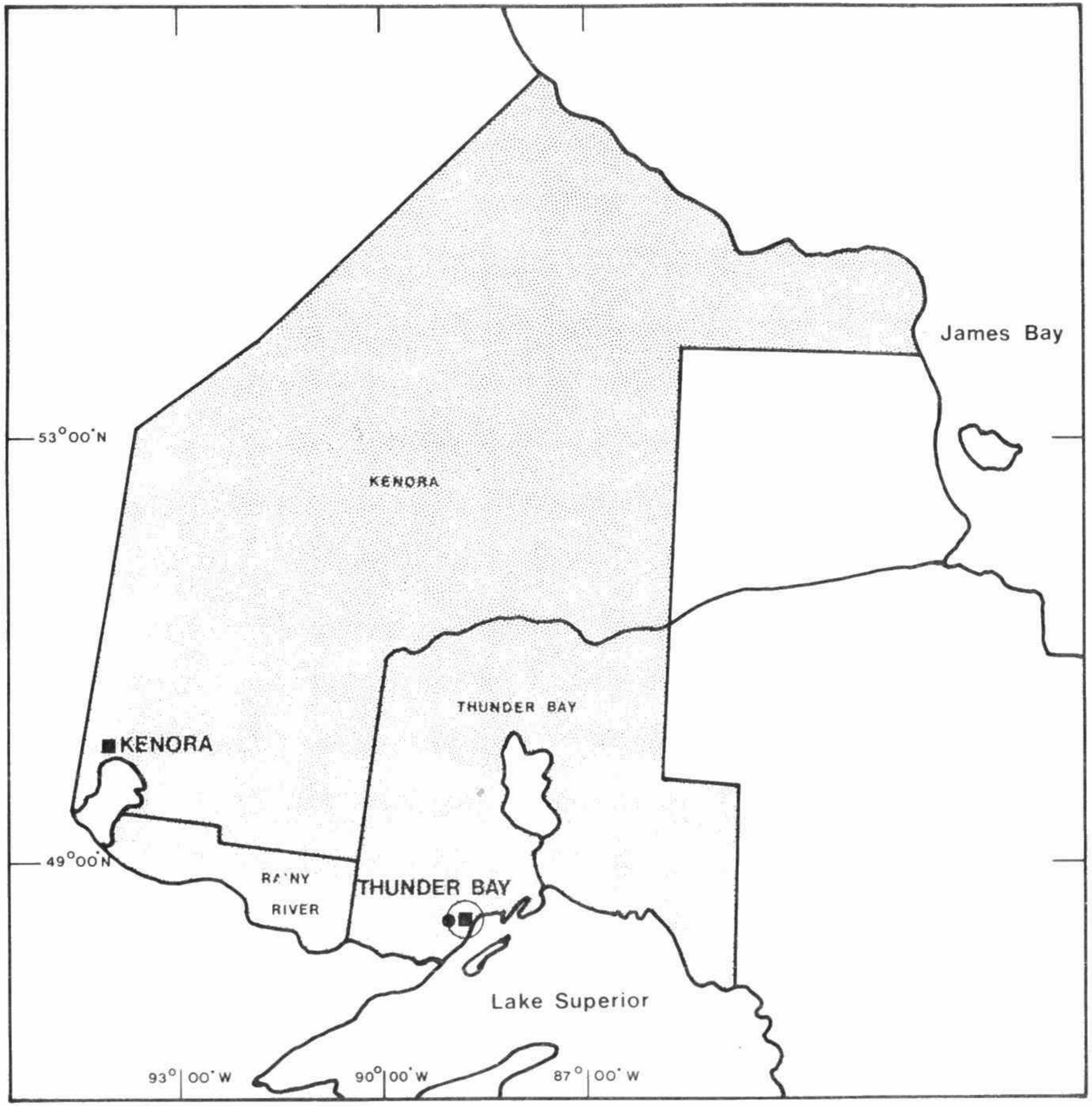
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN									1.42		1.41		MEAN
INST MAX									1.37 (2)		1.33 (30)		INST MAX
INST MIN									1.47 (30)		1.46 (21)		INST MIN


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 550
TOWNSHIP OF HANMER
ACTUAL WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
0
1
2
3
4
5
6
7
8
9

OBSERVATION WELL DATA

REGIONAL OFFICE
THUNDER BAY
435 James St. S.
P.O. Box 5000
807-475-1205

DISTRICT OFFICE
Kenora
203 First St. S.
807-468-5578



OBSERVATION WELL DISTRIBUTION

LEGEND

Regional Office	⊡
District Office	■
Recording Observation Well	●
Number of Recording Wells in same location	●2
Manually Measured Well	▲
Number of Manually Measured Wells in same location	▲2

ENVIRONMENT ONTARIO
TORONTO
THUNDER BAY DISTRICT

OBSERVATION WELL 548

TOWNSHIP OF PAIPOONGE KAM N 1 LOT 12

WELL REC #: 6101092
UTM CO-ORD: Z-16 E318300 N5359650
LAT & LONG: 48-22NORTH 89-26WEST

REC METHOD: A-35 RECORDER
REC COMMCD: JUL. 31 1978
MEASURE PT: 1.1 METRES ABOVE GROUND SURFACE
GND ELEV: 220 METRES ABOVE SEA LEVEL
WELL TYPE: DRILLED
WELL LOG: LOOSE GREY OVERBURDEN 2.4; VERY LOOSE TAN CLAY WITH SILT 6.7; LOOSE TAN CLAY WITH SILT 9.2; TIGHT GREY CLAY 22.9 HARD TAN CLAY WITH SILT 29.6; SOFT GREY CLAY WITH SILT 33.6; HARD GREY CLAY WITH ROCKS (35.1 - 35.4) 36; SOFT LOOSE BLACK CLAY WITH WET SILT 37.2; LOOSE BLACK FINE SAND WITH SOME GRAVEL 37.5; FINE BLACK SAND WITH SILT 39.7 SOFT GREY SILT 41.5; HARD GREEN GRANITE 43.3.

DIAMETER OF WELL: 15 CM
LENGTH OF CASING: 36.9 METRES
LENGTH OF SCREEN: 1.5 METRES
DEPTH OF WELL: 38.4 METRES

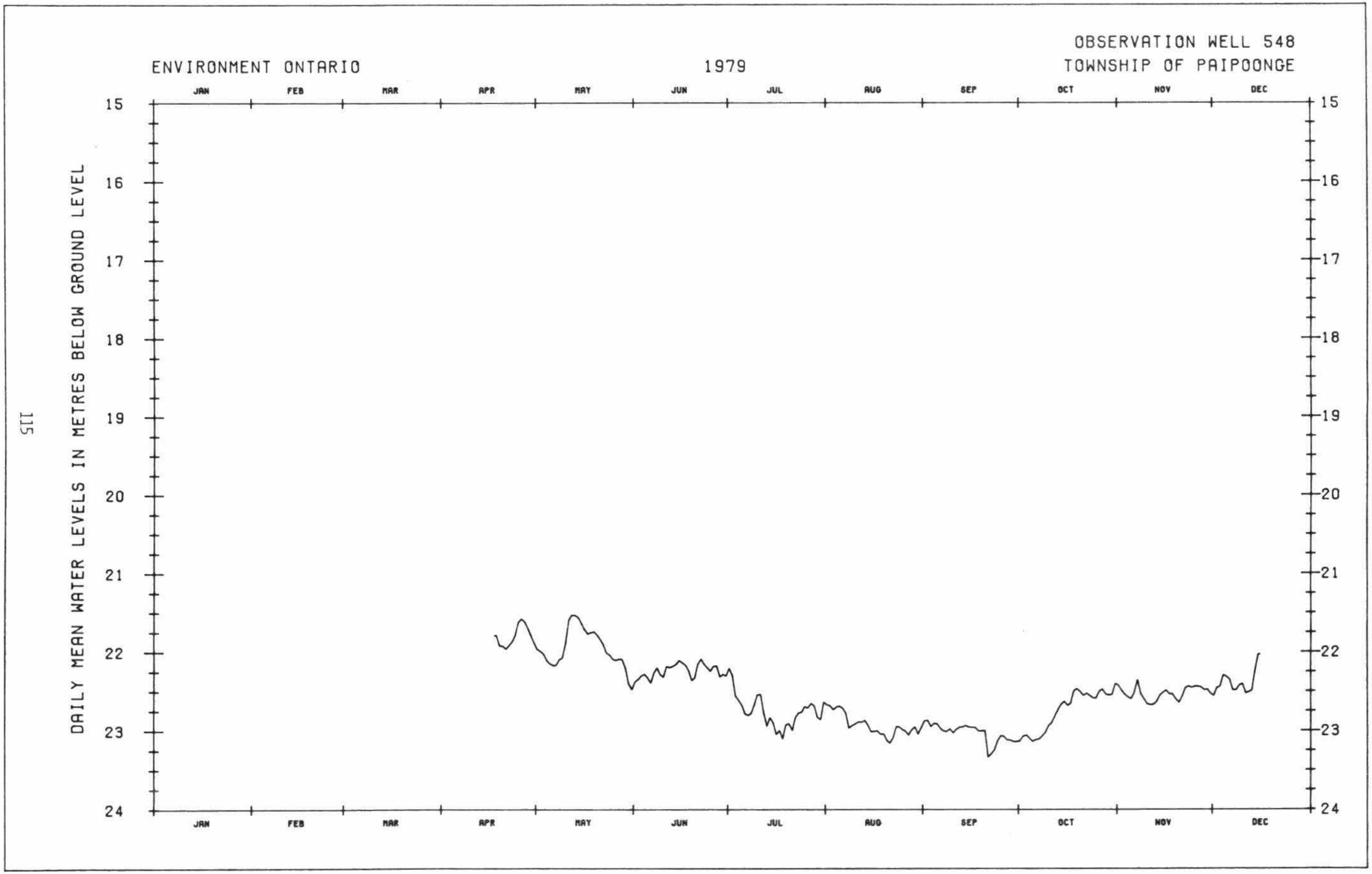
PUMP RATE: 0.2 L/S
SPEC. CAP: 0.002 L/S/M
AQUIFER : AND AND GRAVEL
QUALITY : FRESH

1979
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND SURFACE

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1					21.96 F	22.38 E	22.21 E	22.67 E	22.87 E	23.13 E	22.43 F	22.56 E	1
2					21.99 F	22.34 F	22.30 E	22.69 E	22.87 E	23.07 E	22.49 F	22.45 E	2
3					22.02 F	22.30 E	22.56 F	22.73 E	22.95 E	23.05 F	22.54 E	22.44 F	3
4					22.11 E	22.28 E	22.62 E	22.70 E	22.91 F	23.09 E	22.57 E	22.29 F	4
5					22.15 F	22.33 E	22.68 E	22.69 E	22.92 E	23.14 F	22.60 E	22.32 E	5
6					22.17 E	22.39 E	22.79 E	22.72 F	22.97 F	23.11 E	22.51 F	22.35 E	6
7					22.16 F	22.26 F	22.81 E	22.78 E	23.01 E	23.11 E	22.36 E	22.49 F	7
8					22.09 F	22.20 E	22.78 E	22.97 E	23.01 E	23.07 E	22.53 E	22.49 F	8
9					22.07 E	22.29 E	22.67 F	22.94 E	22.97 E	23.02 E	22.60 E	22.42 F	9
10					21.89 E	22.32 E	22.54 E	22.91 E	23.03 E	22.94 E	22.66 E	22.40 E	10
11					21.59 E	22.18 E	22.54 F	22.89 E	22.98 E	22.90 F	22.67 E	22.53 E	11
12					21.53 E	22.20 E	22.78 E	22.89 E	22.95 E	22.82 E	22.67 E	22.51 E	12
13					21.53 F	22.18 F	22.94 E	22.87 F	22.95 E	22.74 E	22.63 F	22.49 E	13
14					21.56 E	22.16 E	22.83 F	22.93 E	22.93 E	22.66 E	22.55 E	22.24 E	14
15					21.64 E	22.10 E	22.90 E	23.01 F	22.96 F	22.63 E	22.52 F	22.03 E	15
16					21.72 E	22.14 E	23.05 E	23.01 E	22.96 E	22.68 E	22.49 E		16
17					21.77 E	22.17 E	23.00 E	23.00 E	22.96 E	22.65 E	22.54 E		17
18				21.78 E	21.75 E	22.24 E	23.10 E	23.05 F	23.01 E	22.50 E	22.54 E		18
19				21.92 E	21.74 F	22.36 E	22.92 E	23.04 E	23.00 E	22.47 E	22.60 F		19
20				21.92 E	21.78 E	22.33 E	22.91 F	23.13 E	23.00 E	22.51 E	22.65 F		20
21				21.96 E	21.84 F	22.15 E	23.00 E	23.16 F	23.33 F	22.56 E	22.57 E		21
22				21.91 E	21.90 E	22.09 E	22.83 E	23.08 E	23.29 E	22.53 E	22.46 F		22
23				21.86 E	22.01 E	22.15 E	22.77 E	22.95 E	23.24 E	22.56 F	22.44 E		23
24				21.78 E	22.03 E	22.20 E	22.76 E	22.95 E	23.13 E	22.59 E	22.45 E		24
25				21.61 E	22.09 E	22.24 F	22.69 E	22.99 F	23.06 E	22.59 E	22.44 E		25
26				21.57 E	22.10 E	22.18 F	22.71 E	23.00 E	23.07 E	22.50 E	22.44 F		26
27				21.61 E	22.09 E	22.17 E	22.65 E	23.06 E	23.12 E	22.47 E	22.45 E		27
28				21.70 E	22.09 E	22.31 F	22.69 E	22.99 E	23.12 F	22.54 F	22.48 E		28
29				21.79 E	22.20 E	22.28 F	22.83 E	22.95 E	23.14 E	22.55 E	22.48 F		29
30				21.88 E	22.40 E	22.30 E	22.86 E	23.04 E	23.14 E	22.54 E	22.53 F		30
31					22.48 E		22.64 E	22.96 E		22.40 E			31

-MONTHLY SUMMARY-

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
MEAN					21.95	22.24	22.75	22.93	23.03	22.75	22.53		MEAN
INST MAX					21.50 (13)	22.05 (21)	22.17 (1)	22.60 (1)	22.81 (2)	22.38 (31)	22.32 (7)		INST MAX
INST MIN					22.58 (30)	22.46 (19)	23.24 (18)	23.25 (20)	23.46 (21)	23.17 (5)	22.71 (11)		INST MIN


ENVIRONMENT ONTARIO
1979
OBSERVATION WELL 548
TOWNSHIP OF PAIPOONGE
DAILY MEAN WATER LEVELS IN METRES BELOW GROUND LEVEL
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
15
16
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METRIC - IMPERIAL CONVERSION FACTORS

Multiply Metric Units	by	To Obtain Imperial Units
Centimetres (cm)	0.394	Inches (in)
Metres (m)	3.28	Feet (ft)
Litres/sec (L/s)	13.2	Imperial gallons/min (Igpm)
Litres/sec/metre(L/s/m)	4.02	Imperial gallons/min/ft (Igpm/ft)

CONVERSION TABLE - METRES TO FEET

Metres	.0	.1	.2	.3	.4	.5	.6	.7	.8	.9
	Feet									
0	0.0	0.3	0.7	1.0	1.3	1.6	2.0	2.3	2.6	3.0
1	3.3	3.6	3.9	4.3	4.6	4.9	5.2	5.6	5.9	6.2
2	6.6	6.9	7.2	7.5	7.9	8.2	8.5	8.9	9.2	9.5
3	9.8	10.2	10.5	10.8	11.2	11.5	11.8	12.1	12.5	12.8
4	13.1	13.5	13.8	14.1	14.4	14.8	15.1	15.4	15.7	16.1
5	16.4	16.7	17.1	17.4	17.7	18.0	18.4	18.7	19.0	19.4
6	19.7	20.0	20.3	20.7	21.0	21.3	21.7	22.0	22.3	22.6
7	23.0	23.3	23.6	23.9	24.3	24.6	24.9	25.3	25.6	25.9
8	26.2	26.6	26.9	27.2	27.6	27.9	28.2	28.5	28.9	29.2
9	29.5	29.9	30.2	30.5	30.8	31.2	31.5	31.8	32.2	32.5
10	32.8	33.1	33.5	33.8	34.1	34.4	34.8	35.1	35.4	35.8
11	36.1	36.4	36.7	37.1	37.4	37.7	38.1	38.4	38.7	39.0
12	39.4	39.7	40.0	40.3	40.7	41.0	41.3	41.7	42.0	42.3
13	42.6	43.0	43.3	43.6	44.0	44.3	44.6	44.9	45.3	45.6
14	45.9	46.3	46.6	46.9	47.2	47.6	47.9	48.2	48.6	48.9
15	49.2	49.5	49.9	50.2	50.5	50.8	51.2	51.5	51.8	52.2
16	52.5	52.8	53.1	53.5	53.8	54.1	54.5	54.8	55.1	55.4
17	55.8	56.1	56.4	56.7	57.1	57.4	57.7	58.1	58.4	58.7
18	59.0	59.4	59.7	60.0	60.4	60.7	61.0	61.4	61.7	62.0
19	62.3	62.7	63.0	63.3	63.6	64.0	64.3	64.6	65.0	65.3
20	65.6	65.9	66.3	66.6	66.9	67.2	67.6	67.9	68.2	68.6
21	68.9	69.2	69.5	69.9	70.2	70.5	70.9	71.2	71.5	71.8
22	72.2	72.5	72.8	73.1	73.5	73.8	74.1	74.5	74.8	75.1
23	75.4	75.8	76.1	76.4	76.8	77.1	77.4	77.8	78.1	78.4
24	78.7	79.1	79.4	79.7	80.0	80.4	80.7	81.0	81.4	81.7
25	82.0	82.3	82.7	83.0	83.3	83.6	84.0	84.3	84.6	85.0
26	85.3	85.6	85.9	86.3	86.6	86.9	87.3	87.6	87.9	88.3
27	88.6	88.9	89.2	89.5	89.9	90.2	90.6	90.9	91.2	91.5
28	91.8	92.2	92.5	92.8	93.2	93.5	93.8	94.2	94.5	94.8
29	95.1	95.5	95.8	96.1	96.4	96.8	97.1	97.4	97.8	98.1
30	98.4	98.7	99.1	99.4	99.7	100.0	100.4	100.7	101.0	101.4
31	101.7	102.0	102.3	102.7	103.0	103.3	103.7	104.0	104.3	104.7
32	105.0	105.3	105.6	105.9	106.3	106.6	107.0	107.3	107.6	107.9
33	108.2	108.6	108.9	109.2	109.6	109.9	110.2	110.6	110.9	111.2
34	111.5	111.9	112.2	112.5	112.8	113.2	113.5	113.8	114.2	114.5
35	114.8	115.1	115.5	115.8	116.1	116.4	116.8	117.1	117.5	117.8